


| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING | | | | | | FORM 3 AMENDED REPORT <input checked="" type="checkbox"/> | | | | |
|--|-----------|------------------|--|---|--|--|------------------------------------|----------|-------|--------|
| APPLICATION FOR PERMIT TO DRILL | | | | | | 1. WELL NAME and NUMBER FD 15-30D-2-2 | | | | |
| 2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> | | | | | | 3. FIELD OR WILDCAT UNDESIGNATED | | | | |
| 4. TYPE OF WELL Oil Well Coalbed Methane Well: NO | | | | | | 5. UNIT or COMMUNITIZATION AGREEMENT NAME | | | | |
| 6. NAME OF OPERATOR BILL BARRETT CORP | | | | | | 7. OPERATOR PHONE 303 312-8134 | | | | |
| 8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202 | | | | | | 9. OPERATOR E-MAIL tfallang@billbarrettcorp.com | | | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) fee | | | 11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | | | 12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> | | | | |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee') VERNON RICHENS | | | | | | 14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-545-2535 | | | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO BOX 722, FORT DUCHESNE, UT 84026 | | | | | | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | | |
| 17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') | | | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/> | | | 19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/> | | | | |
| 20. LOCATION OF WELL | | FOOTAGES | | QTR-QTR | SECTION | TOWNSHIP | RANGE | MERIDIAN | | |
| LOCATION AT SURFACE | | 535 FSL 1980 FEL | | SWSE | 30 | 2.0 S | 2.0 E | U | | |
| Top of Uppermost Producing Zone | | 810 FSL 1980 FEL | | SWSE | 30 | 2.0 S | 2.0 E | U | | |
| At Total Depth | | 810 FSL 1980 FEL | | SWSE | 30 | 2.0 S | 2.0 E | U | | |
| 21. COUNTY UINTAH | | | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 480 | | | 23. NUMBER OF ACRES IN DRILLING UNIT 640 | | | | |
| | | | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1896 | | | 26. PROPOSED DEPTH MD: 9759 TVD: 9746 | | | | |
| 27. ELEVATION - GROUND LEVEL 5009 | | | 28. BOND NUMBER LPM4138148 | | | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645 | | | | |
| Hole, Casing, and Cement Information | | | | | | | | | | |
| String | Hole Size | Casing Size | Length | Weight | Grade & Thread | Max Mud Wt. | Cement | Sacks | Yield | Weight |
| COND | 26 | 16 | 0 - 80 | 65.0 | Unknown | 8.7 | No Used | 0 | 0.0 | 0.0 |
| SURF | 12.25 | 9.625 | 0 - 3800 | 36.0 | J-55 LT&C | 8.7 | Halliburton Light , Type Unknown | 590 | 3.16 | 11.0 |
| | | | | | | | Halliburton Premium , Type Unknown | 210 | 1.36 | 14.8 |
| PROD | 7.875 | 5.5 | 0 - 9759 | 17.0 | P-110 LT&C | 9.5 | Unknown | 530 | 2.31 | 11.0 |
| | | | | | | | Unknown | 330 | 1.42 | 13.5 |
| ATTACHMENTS | | | | | | | | | | |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES | | | | | | | | | | |
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | | | | | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN | | | | | |
| <input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) | | | | | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER | | | | | |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED) | | | | | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP | | | | | |
| NAME Brady Riley | | | | TITLE Permit Analyst | | | PHONE 303 312-8115 | | | |
| SIGNATURE | | | | DATE 10/31/2013 | | | EMAIL briley@billbarrettcorp.com | | | |
| API NUMBER ASSIGNED 43047541080000 | | | | APPROVAL  Permit Manager | | | | | | |

BILL BARRETT CORPORATION

DRILLING PLAN

FD 15-30D-2-2

SWSE, 535' FSL and 1980' FEL, Section 30, T2S-R2E, USB&M (surface hole)

SWSE, 810' FSL and 1980' FEL, Section 30, T2S-R2E, USB&M (bottom hole)

Uintah County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

| <u>Formation</u> | <u>Depth – MD</u> | <u>Depth - TVD</u> |
|-------------------------|--------------------------|---------------------------|
| Green River* | 5,525' | 5,518' |
| Mahogany | 6,667' | 6,654' |
| Lower Green River* | 7,792' | 7,779' |
| Douglas Creek | 7,977' | 7,964' |
| Black Shale | 8,500' | 8,487' |
| Castle Peak | 8,597' | 8,584' |
| Wasatch* | 9,259' | 9,246' |
| TD | 9,759' | 9,746' |

*PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

Base of Useable Water = 3,825'

3. BOP and Pressure Containment Data

| <u>Depth Intervals</u> | <u>BOP Equipment</u> |
|---|---|
| 0 – 3800' | Rotating Head or Diverter (may pre-set 9-5/8" with smaller rig) |
| 3800' – TD | 11" 5000# Ram Type BOP 11" 5000# Annular BOP |
| - Drilling spool to accommodate choke and kill lines; | |
| - Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2; | |
| - The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests. | |
| - BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner. | |

*See Appendix A

4. Casing Program

| <u>Hole Size</u> | <u>SETTING DEPTH</u> | | <u>Casing Size</u> | <u>Casing Weight</u> | <u>Casing Grade</u> | <u>Thread</u> | <u>Condition</u> |
|-------------------------|-----------------------------|--------------------|---------------------------|-----------------------------|----------------------------|----------------------|-------------------------|
| | <u>(FROM)</u> | <u>(TO)</u> | | | | | |
| 26" | Surface | 80' | 16" | 65# | | | |
| 12 1/4" | Surface | 3800' | 9 5/8" | 36# | J or K 55 | LT&C | New |
| 7 7/8" | Surface | TD | 5 1/2" | 17# | P-110 | LT&C | New |

Bill Barrett Corporation
Drilling Program
FD 15-30D-2-2
Uintah County, Utah

5. Cementing Program

| | |
|---|--|
| 16" Conductor Casing | Grout |
| 9 5/8" Surface Casing (may pre-set with spudder rig) | Lead: 590 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. TOC @ Surface Tail: 210 sx Halliburton Premium Plus cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. TOC @ 3300' |
| 5 1/2" Production Casing | Lead: 530 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft ³ /sx). TOC @ 3300' Tail: 330 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC @ 8000' |

6. Mud Program

| <u>Interval</u> | <u>Weight</u> | <u>Viscosity</u> | <u>Fluid Loss (API filtrate)</u> | <u>Remarks</u> |
|---|---------------|------------------|--------------------------------------|---|
| 0' – 3800' | 8.3 – 8.7 | 26 – 36 | NC | Air/Mist/Freshwater Spud Mud Fluid System |
| 3800' - 5500' | 9.2 - 9.4 | 26 – 36 | NC | Freshwater Spud Mud Fluid System |
| 5500' – TD | 9.4 - 9.5 | 42 – 58 | 25 cc or less | DAP Polymer Fluid System |
| Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag. | | | | |

7. Testing, Logging and Core Programs

| | |
|----------|---|
| Cores | None anticipated; |
| Testing | None anticipated; drill stem tests may be run on shows of interest; |
| Sampling | 30' to 50' samples; surface casing to TD. Preserve samples all show intervals; |
| Surveys | MWD as needed to land wellbore; |
| Logging | DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion. |

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4821 psi* and maximum anticipated surface pressure equals approximately 2674 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

Bill Barrett Corporation
Drilling Program
FD 15-30D-2-2
Uintah County, Utah

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
 - b) Inside BOP or stab-in valve (available on rig floor)
 - c) Safety valve(s) and subs to fit all string connections in use
- Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be from:

43-2505, (t37379): McKinnon Ranch Properties, LC
43-12345 (F78949): Dale Anderson
43-10664 (A38472): W. E. Gene Brown
49-1645 (A35800): RN Industries, Inc.
49-2336 (t78808): RN Industries, Inc.
43-8496 (A53617): A-1 Tank Rental
43-10288 (A65273): Nile Chapman (RNI)
49-2247 (F76893): Magnum Water Service
43-8875 (t38762): Four Star Ranch (c/o David Yeman)

11. Drilling Schedule

Location Construction: March 2014
Spud: March 2014
Duration: 15 days drilling time
6 days completion time

12. Appendix A

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line on the rig
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits



Bill Barrett Corporation

FORT DUCHESNE CEMENT VOLUMES

Well Name: FD 15-30D-2-2

Surface Hole Data:

| | |
|----------------|---------|
| Total Depth: | 3,800' |
| Top of Cement: | 0' |
| OD of Hole: | 12.250" |
| OD of Casing: | 9.625" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 1808.6 | ft ³ |
| Lead Fill: | 3,300' | |
| Tail Volume: | 274.0 | ft ³ |
| Tail Fill: | 500' | |

Cement Data:

| | | |
|--------------|------|---------------------|
| Lead Yield: | 3.16 | ft ³ /sk |
| % Excess: | 75% | |
| Top of Lead: | 0' | |

Calculated # of Sacks:

| | |
|--------------|-----|
| # SK's Lead: | 590 |
|--------------|-----|

| | | |
|--------------|--------|---------------------|
| Tail Yield: | 1.36 | ft ³ /sk |
| % Excess: | 75% | |
| Top of Tail: | 3,300' | |

| | |
|--------------|-----|
| # SK's Tail: | 210 |
|--------------|-----|

Production Hole Data:

| | |
|----------------|--------|
| Total Depth: | 9,759' |
| Top of Cement: | 3,300' |
| Top of Tail: | 8,000' |
| OD of Hole: | 7.875" |
| OD of Casing: | 5.500" |

Calculated Data:

| | | |
|--------------|--------|-----------------|
| Lead Volume: | 1221.4 | ft ³ |
| Lead Fill: | 4,700' | |
| Tail Volume: | 457.2 | ft ³ |
| Tail Fill: | 1,759' | |

Cement Data:

| | | |
|-------------|------|---------------------|
| Lead Yield: | 2.31 | ft ³ /sk |
| Tail Yield: | 1.42 | ft ³ /sk |
| % Excess: | 50% | |

Calculated # of Sacks:

| | |
|--------------|-----|
| # SK's Lead: | 530 |
| # SK's Tail: | 330 |

| |
|---|
| FD 15-30D-2-2 Proposed Cementing Program |
|---|

| <u>Job Recommendation</u> | <u>Surface Casing</u> |
|-----------------------------------|--|
| Lead Cement - (3300' - 0') | |
| Halliburton Light Premium | Fluid Weight: 11.0 lbm/gal |
| 5.0 lbm/sk Silicalite Compacted | Slurry Yield: 3.16 ft ³ /sk |
| 0.25 lbm/sk Kwik Seal | Total Mixing Fluid: 19.48 Gal/sk |
| 0.125 lbm/sk Poly-E-Flake | Top of Fluid: 0' |
| 2.0% Bentonite | Calculated Fill: 3,300' |
| | Volume: 322.11 bbl |
| | Proposed Sacks: 590 sks |
| Tail Cement - (TD - 3300') | |
| Premium Cement | Fluid Weight: 14.8 lbm/gal |
| 2.0% Calcium Chloride | Slurry Yield: 1.36 ft ³ /sk |
| | Total Mixing Fluid: 6.37 Gal/sk |
| | Top of Fluid: 3,300' |
| | Calculated Fill: 500' |
| | Volume: 48.80 bbl |
| | Proposed Sacks: 210 sks |

| <u>Job Recommendation</u> | <u>Production Casing</u> |
|--------------------------------------|--|
| Lead Cement - (8000' - 3300') | |
| Tuned Light™ System | Fluid Weight: 11.0 lbm/gal |
| | Slurry Yield: 2.31 ft ³ /sk |
| | Total Mixing Fluid: 10.65 Gal/sk |
| | Top of Fluid: 3,300' |
| | Calculated Fill: 4,700' |
| | Volume: 217.53 bbl |
| | Proposed Sacks: 530 sks |
| Tail Cement - (9759' - 8000') | |
| Econocem™ System | Fluid Weight: 13.5 lbm/gal |
| 0.125 lbm/sk Poly-E-Flake | Slurry Yield: 1.42 ft ³ /sk |
| 1.0 lbm/sk Granulite TR 1/4 | Total Mixing Fluid: 6.61 Gal/sk |
| | Top of Fluid: 8,000' |
| | Calculated Fill: 1,759' |
| | Volume: 81.42 bbl |
| | Proposed Sacks: 330 sks |

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL

T2S, R2E, U.S.B.&M.

BILL BARRETT CORPORATION

Well location, FD #15-30D-2-2, located as shown in the SW 1/4 SE 1/4 of Section 30, T2S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

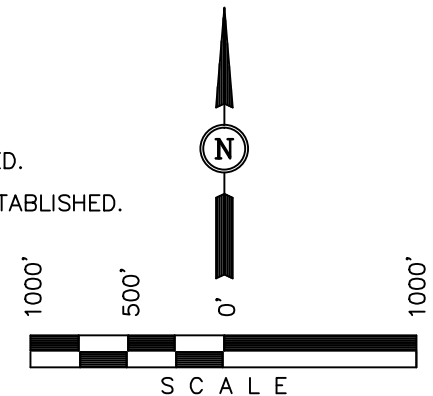
BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

- L = 90° SYMBOL
 ● = PROPOSED WELL HEAD.
 ▲ = SECTION CORNERS LOCATED.
 △ = SECTION CORNERS RE-ESTABLISHED.
 (Not Set on Ground.)



CERTIFICATE

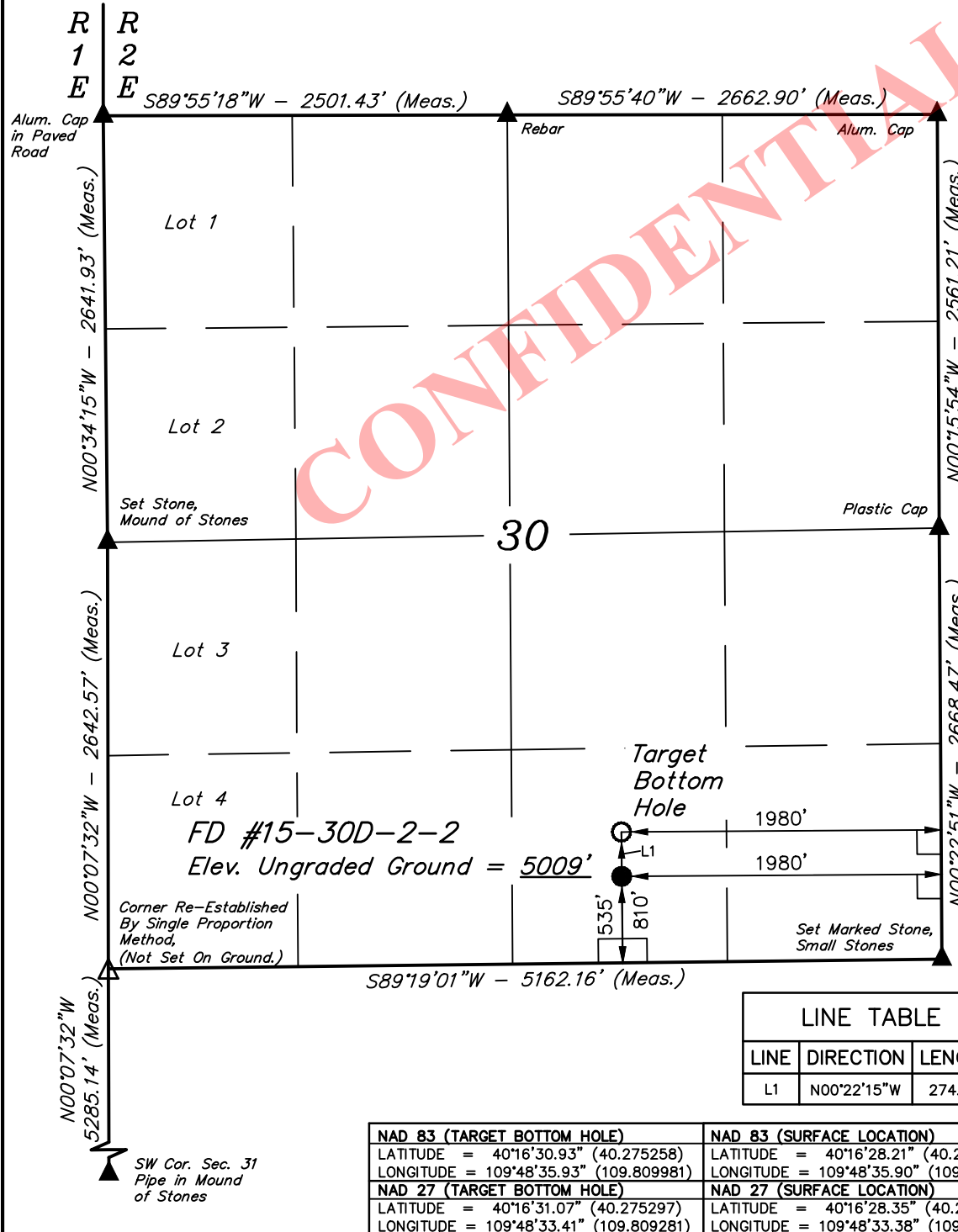
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

| | | |
|-------------------------|----------------------------------|-------------------------|
| SCALE 1" = 1000' | DATE SURVEYED: 08-12-13 | DATE DRAWN: 08-14-13 |
| PARTY C.R. C.I. S.F. | REFERENCES G.L.O. PLAT | |
| WEATHER HOT | FILE BILL BARRETT CORPORATION | |

RECEIVED: October 31, 2013



LINE TABLE

| LINE | DIRECTION | LENGTH |
|------|-------------|---------|
| L1 | N00°22'15"W | 274.94' |

NAD 83 (TARGET BOTTOM HOLE)

LATITUDE = 40°16'30.93" (40.275258)
 LONGITUDE = 109°48'35.93" (109.809981)

NAD 27 (TARGET BOTTOM HOLE)

LATITUDE = 40°16'31.07" (40.275297)
 LONGITUDE = 109°48'33.41" (109.809281)

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°16'28.21" (40.274503)
 LONGITUDE = 109°48'35.90" (109.809972)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°16'28.35" (40.274542)
 LONGITUDE = 109°48'33.38" (109.809272)

BILL BARRETT CORPORATION

FD #15-30D-2-2

**LOCATED IN UINTAH COUNTY, UTAH
SECTION 30, T2S, R2E, U.S.B.&M.**

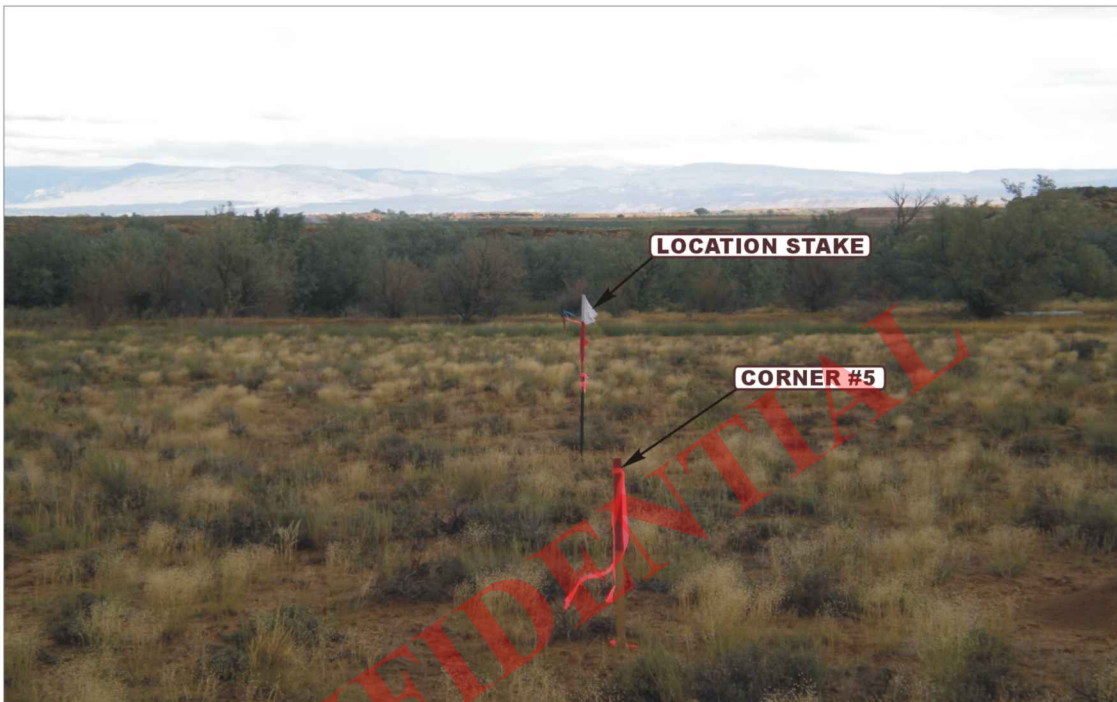


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

08 **13** **13**
MONTH DAY YEAR

PHOTO

TAKEN BY: C.R.

DRAWN BY: S.O.

REVISED: 00-00-00

BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

FD #15-30D-2-2

SECTION 30, T2S, R2E, U.S.B.&M.

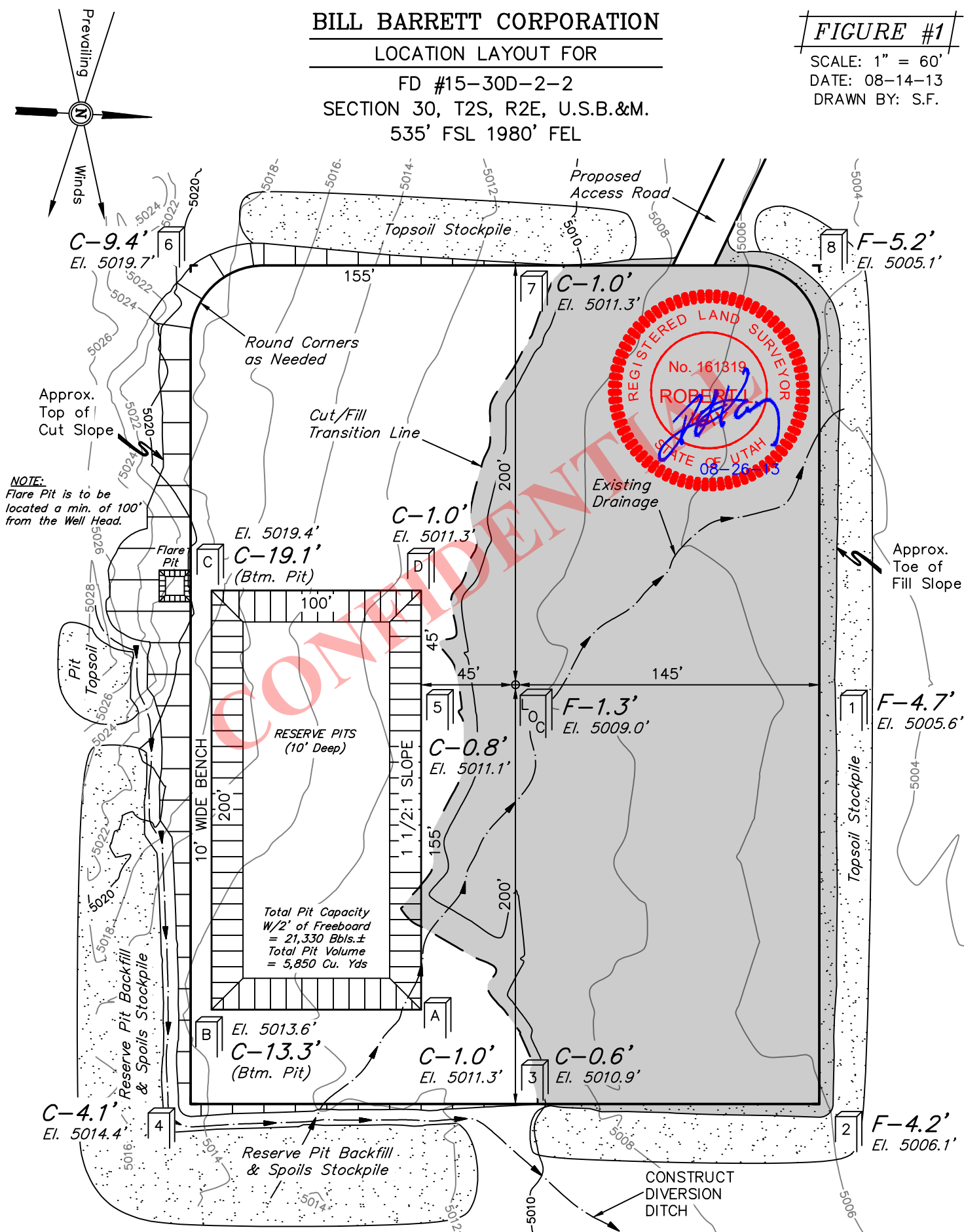
535' FSL 1980' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 08-14-13

DRAWN BY: S.F.



Elev. Ungraded Ground At Loc. Stake = 5009.0'
FINISHED GRADE ELEV. AT LOC. STAKE = 5010.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: October 31, 2013

BILL BARRETT CORPORATION**TYPICAL CROSS SECTIONS FOR**

FD #15-30D-2-2

SECTION 30, T2S, R2E, U.S.B.&M.

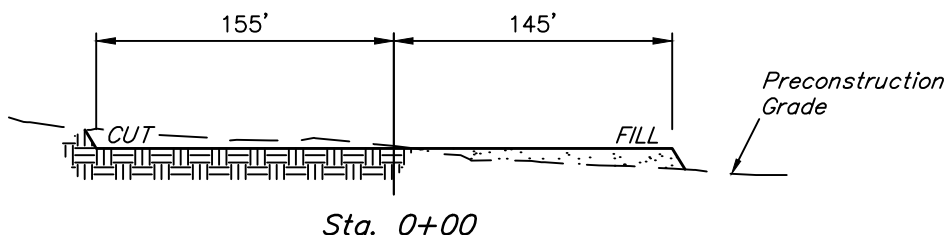
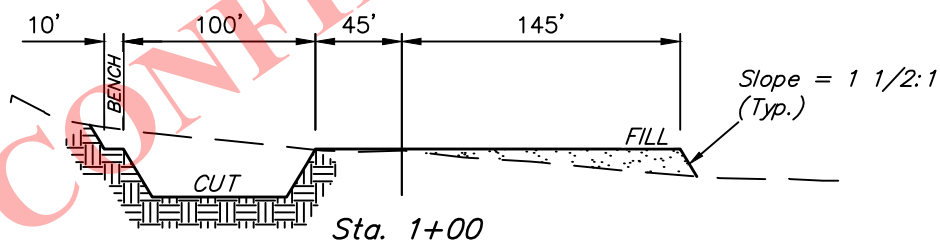
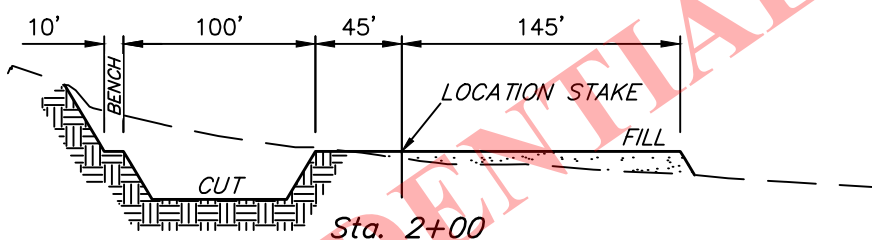
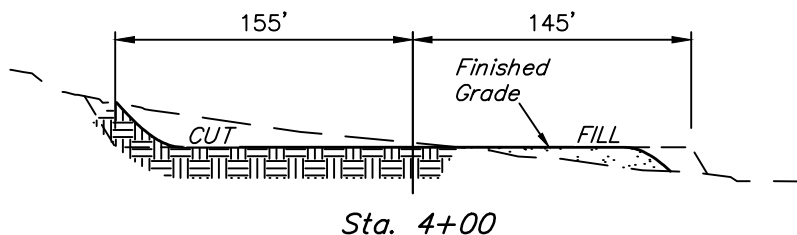
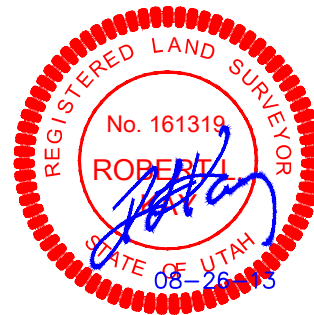
535' FSL 1980' FEL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 08-14-13

DRAWN BY: S.F.

**NOTE:**

Topsoil should not be
Stripped Below Finished
Grade on Substructure Area.

APPROXIMATE ACREAGE

WELL SITE DISTURBANCE = ± 4.952 ACRES
ACCESS ROAD DISTURBANCE = ± 1.651 ACRES
PIPELINE DISTURBANCE = ± 0.459 ACRES
TOTAL = ± 7.062 ACRES

*** NOTE:**

FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,440 Cu. Yds.
Remaining Location = 11,960 Cu. Yds.
TOTAL CUT = 14,400 CU. YDS.
FILL = 9,030 CU. YDS.

EXCESS MATERIAL = 5,370 Cu. Yds.
Topsoil & Pit Backfill = 5,370 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: October 31, 2013

BILL BARRETT CORPORATION**TYPICAL RIG LAYOUT FOR**

FD #15-30D-2-2

SECTION 30, T2S, R2E, U.S.B.&M.

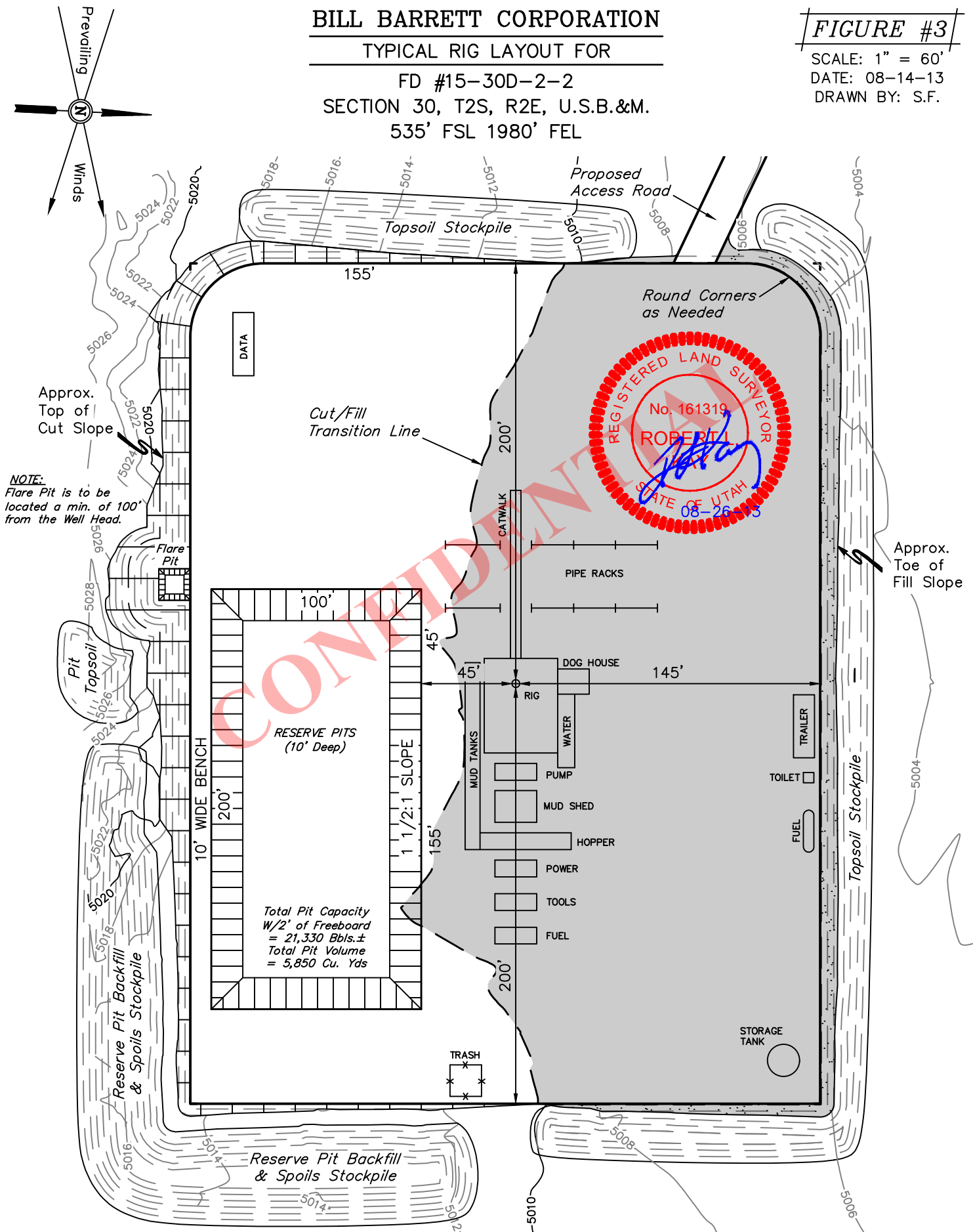
535' FSL 1980' FEL

FIGURE #3

SCALE: 1" = 60'

DATE: 08-14-13

DRAWN BY: S.F.

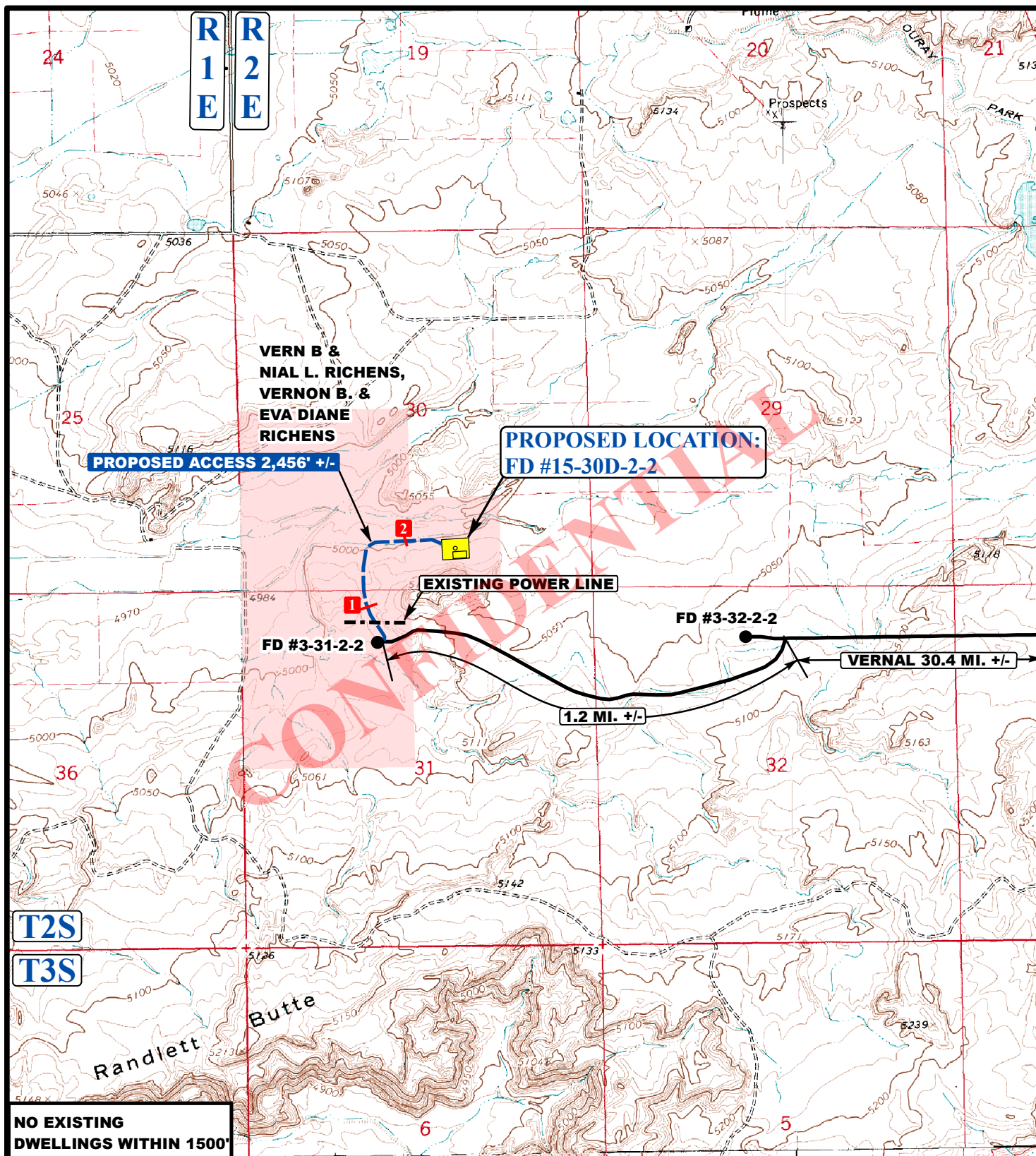
**UINTAH ENGINEERING & LAND SURVEYING**

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: October 31, 2013



RECEIVED: October 31, 2013



**NO EXISTING
DWELLINGS WITHIN 1500'**

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- 1 18" CMP REQUIRED
- 2 INSTALL CATTLE GUARD



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



BILL BARRETT CORPORATION

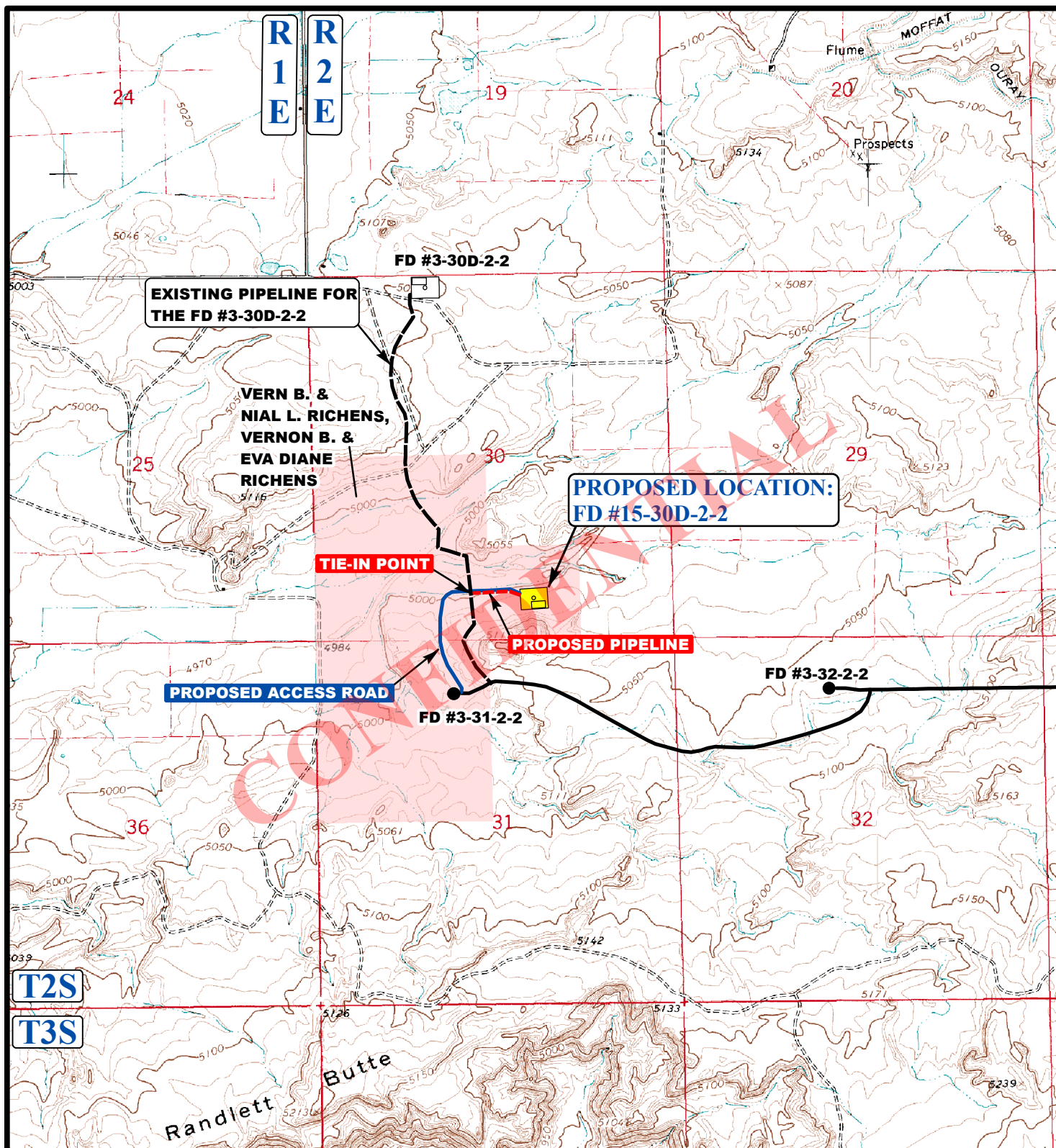
FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL

**ACCESS ROAD
MAP**

08 **13** **13**
MONTH DAY YEAR

SCALE: 1"=2000' DRAWN BY: S.O. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 726' +/-

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

BILL BARRETT CORPORATION

FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

SCALE: 1"=2000'

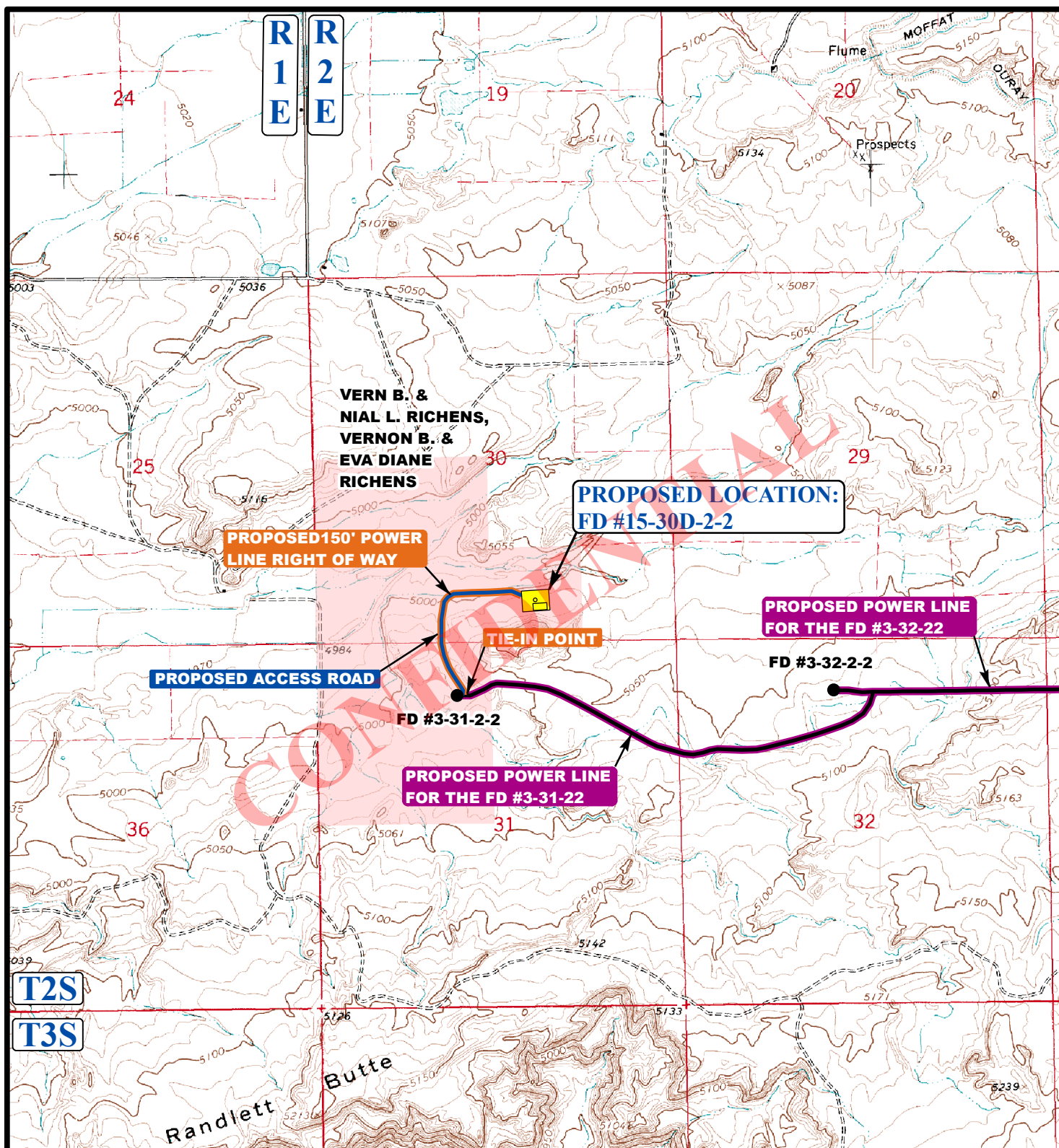
DRAWN BY: S.O.

08 **13** **13**
 MONTH DAY YEAR

REVISED: 00-00-00



RECEIVED: October 31, 2013



APPROXIMATE TOTAL POWER LINE DISTANCE 2,456' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING POWER LINE
- PROPOSED POWER LINE
- PROPOSED POWER LINE (SERVICING OTHER WELLS)

BILL BARRETT CORPORATION

FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

SCALE: 1"=2000'

DRAWN BY: S.O.

08 13 13
 MONTH DAY YEAR

REVISED: 00-00-00



RECEIVED: October 31, 2013

BILL BARRETT CORP

UINTAH COUNTY

15-30D-2-2 FD

15-30D-2-2 FD

Wellbore #1

Plan: Design #1

Standard Planning Report

30 October, 2013



Bill Barrett Corporation

SITE DETAILS: 15-30D-2-2 FD
Fort DuchesneSite Latitude: 40° 16' 28.351 N
Site Longitude: 109° 48' 33.379 W**COMPANY DETAILS: BILL BARRETT CORP**

Calculation Method: Minimum Curvature
 Error System: ISCWSA
 Scan Method: Closest Approach 3D
 Error Surface: Elliptical Conic
 Warning Method: Error Ratio

Positional Uncertainty: 0.0
 Convergence: 1.11
 Local North: True

WELL DETAILS: 15-30D-2-2 FD

Ground Level: 5010.0

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|-------|-------|-----------|------------|------------------|-------------------|------|
| 0.0 | 0.0 | -16829.54 | 2471807.21 | 40° 16' 28.351 N | 109° 48' 33.379 W | |

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape |
|--------------------|--------|-------|-------|------------------|-------------------|----------------------------------|
| 15-30D-2-2 FD BTV | 7000.0 | 275.1 | -2.5 | 40° 16' 31.069 N | 109° 48' 33.412 W | Rectangle (Sides: L200.0 W200.0) |
| 15-30D-2-2 FD PBHL | 9746.0 | 275.1 | -2.5 | 40° 16' 31.069 N | 109° 48' 33.412 W | Rectangle (Sides: L200.0 W200.0) |

SECTION DETAILS

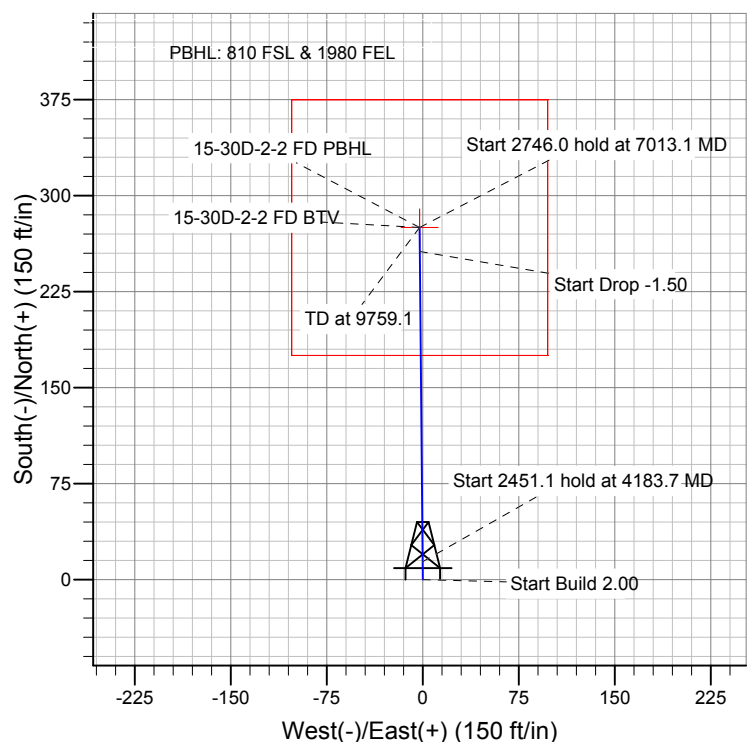
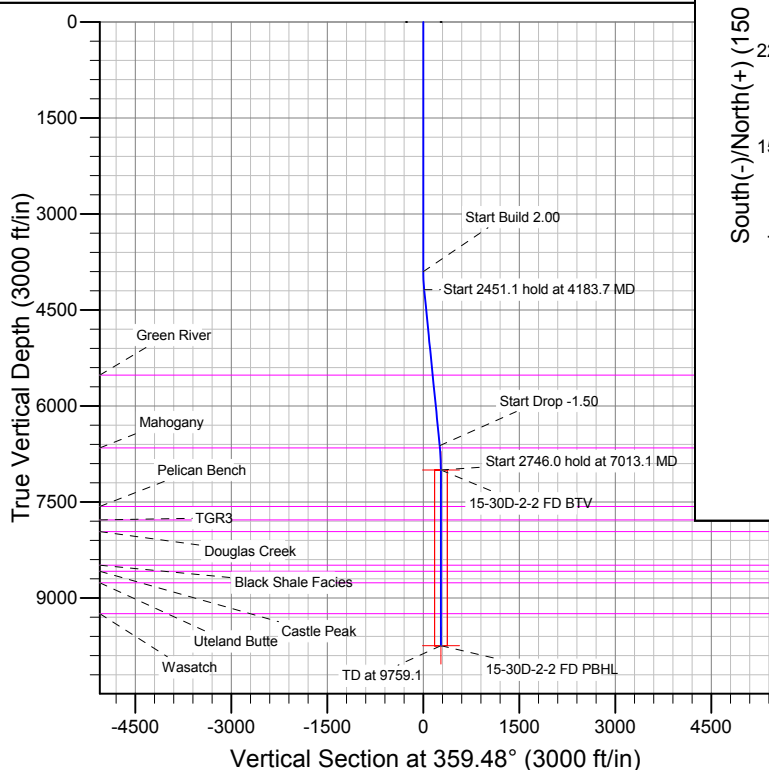
| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFace | VSec | Target |
|-----|--------|------|--------|--------|-------|-------|------|--------|-------|--------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 3900.0 | 0.00 | 0.00 | 3900.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 4183.7 | 5.67 | 359.48 | 4183.2 | 14.0 | -0.1 | 2.00 | 359.48 | 14.0 | |
| 4 | 6634.8 | 5.67 | 359.48 | 6622.4 | 256.4 | -2.3 | 0.00 | 0.00 | 256.4 | |
| 5 | 7013.1 | 0.00 | 0.00 | 7000.0 | 275.1 | -2.5 | 1.50 | 180.00 | 275.1 | 15-30D-2-2 FD BTV |
| 6 | 9759.1 | 0.00 | 0.00 | 9746.0 | 275.1 | -2.5 | 0.00 | 0.00 | 275.1 | 15-30D-2-2 FD PBHL |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|--------|--------------------|
| 5518.0 | 5525.0 | Green River |
| 6654.0 | 6666.6 | Mahogany |
| 7569.0 | 7582.1 | Pelican Bench |
| 7779.0 | 7792.1 | TGR3 |
| 7964.0 | 7977.1 | Douglas Creek |
| 8487.0 | 8500.1 | Black Shale Facies |
| 8584.0 | 8597.1 | Castle Peak |
| 8764.0 | 8777.1 | Uteland Butte |
| 9246.0 | 9259.1 | Wasatch |

CASING DETAILS

No casing data is available



Azimuths to True North
 Magnetic North: 10.94°

Magnetic Field
 Strength: 52197.7snT
 Dip Angle: 65.97°
 Date: 10/30/2013
 Model: IGRF2010

Bill Barrett Corp

Planning Report

| | | | |
|------------------|-------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Site 15-30D-2-2 FD |
| Company: | BILL BARRETT CORP | TVD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Project: | UINTAH COUNTY | MD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Site: | 15-30D-2-2 FD | North Reference: | True |
| Well: | 15-30D-2-2 FD | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| | | | |
|--------------------|--------------------------------------|----------------------|--------------|
| Project | UINTAH COUNTY | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Ground Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Utah North 4301 | | |

| | | | | | |
|-----------------------|----------|---------------|-----------------|-------------------|-------------------|
| Site | | 15-30D-2-2 FD | | | |
| Site Position: | | Northing: | -16,829.54 ft | Latitude: | 40° 16' 28.351 N |
| From: | Lat/Long | Easting: | 2,471,807.21 ft | Longitude: | 109° 48' 33.379 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | " | Grid Convergence: | 1.11 ° |

| | | | | | | |
|----------------------|---------------|--------|---------------------|-----------------|---------------|-------------------|
| Well | 15-30D-2-2 FD | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | -16,829.54 ft | Latitude: | 40° 16' 28.351 N |
| | +E/-W | 0.0 ft | Easting: | 2,471,807.21 ft | Longitude: | 109° 48' 33.379 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 5,010.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 10/30/2013 | 10.94 | 65.97 | 52,198 |

| | | | | |
|--------------------------|----------------------------------|-----------------------|-----------------------|--------------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 359.48 |

| Plan Sections | | | | | | | | | | |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|----------------------------|---------------------------|------------|--------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,900.0 | 0.00 | 0.00 | 3,900.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,183.7 | 5.67 | 359.48 | 4,183.2 | 14.0 | -0.1 | 2.00 | 2.00 | 0.00 | 359.48 | |
| 6,634.8 | 5.67 | 359.48 | 6,622.4 | 256.4 | -2.3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,013.1 | 0.00 | 0.00 | 7,000.0 | 275.1 | -2.5 | 1.50 | -1.50 | 0.00 | 180.00 | 15-30D-2-2 FD BTV |
| 9,759.1 | 0.00 | 0.00 | 9,746.0 | 275.1 | -2.5 | 0.00 | 0.00 | 0.00 | 0.00 | 15-30D-2-2 FD PBHL |

Bill Barrett Corp

Planning Report

| | | | |
|------------------|-------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Site 15-30D-2-2 FD |
| Company: | BILL BARRETT CORP | TVD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Project: | UINTAH COUNTY | MD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Site: | 15-30D-2-2 FD | North Reference: | True |
| Well: | 15-30D-2-2 FD | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 0.00 | 0.00 | 700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 800.0 | 0.00 | 0.00 | 800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 0.00 | 0.00 | 900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 0.00 | 0.00 | 1,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 0.00 | 0.00 | 1,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 0.00 | 0.00 | 1,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 0.00 | 0.00 | 1,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 0.00 | 0.00 | 1,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 0.00 | 0.00 | 1,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 0.00 | 0.00 | 1,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 0.00 | 0.00 | 1,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 0.00 | 0.00 | 2,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 0.00 | 0.00 | 2,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 0.00 | 0.00 | 2,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 0.00 | 0.00 | 2,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 0.00 | 0.00 | 2,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 0.00 | 0.00 | 2,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 0.00 | 0.00 | 2,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 0.00 | 0.00 | 2,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 0.00 | 0.00 | 2,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 0.00 | 0.00 | 2,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 0.00 | 0.00 | 3,000.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 0.00 | 0.00 | 3,100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 0.00 | 0.00 | 3,200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 0.00 | 0.00 | 3,300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 0.00 | 0.00 | 3,400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 0.00 | 0.00 | 3,500.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 0.00 | 0.00 | 3,600.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 0.00 | 0.00 | 3,700.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 0.00 | 0.00 | 3,800.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 0.00 | 0.00 | 3,900.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 4,000.0 | 2.00 | 359.48 | 4,000.0 | 1.7 | 0.0 | 1.7 | 2.00 | 2.00 | 0.00 |
| 4,100.0 | 4.00 | 359.48 | 4,099.8 | 7.0 | -0.1 | 7.0 | 2.00 | 2.00 | 0.00 |
| 4,183.7 | 5.67 | 359.48 | 4,183.2 | 14.0 | -0.1 | 14.0 | 2.00 | 2.00 | 0.00 |
| Start 2451.1 hold at 4183.7 MD | | | | | | | | | |
| 4,200.0 | 5.67 | 359.48 | 4,199.5 | 15.6 | -0.1 | 15.6 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 5.67 | 359.48 | 4,299.0 | 25.5 | -0.2 | 25.5 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 5.67 | 359.48 | 4,398.5 | 35.4 | -0.3 | 35.4 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 5.67 | 359.48 | 4,498.0 | 45.3 | -0.4 | 45.3 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 5.67 | 359.48 | 4,597.5 | 55.2 | -0.5 | 55.2 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 5.67 | 359.48 | 4,697.0 | 65.1 | -0.6 | 65.1 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 5.67 | 359.48 | 4,796.5 | 75.0 | -0.7 | 75.0 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 5.67 | 359.48 | 4,896.0 | 84.8 | -0.8 | 84.9 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 5.67 | 359.48 | 4,995.5 | 94.7 | -0.9 | 94.7 | 0.00 | 0.00 | 0.00 |

Bill Barrett Corp

Planning Report

| | | | |
|------------------|-------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Site 15-30D-2-2 FD |
| Company: | BILL BARRETT CORP | TVD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Project: | UINTAH COUNTY | MD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Site: | 15-30D-2-2 FD | North Reference: | True |
| Well: | 15-30D-2-2 FD | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,100.0 | 5.67 | 359.48 | 5,095.0 | 104.6 | -1.0 | 104.6 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 5.67 | 359.48 | 5,194.6 | 114.5 | -1.0 | 114.5 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 5.67 | 359.48 | 5,294.1 | 124.4 | -1.1 | 124.4 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 5.67 | 359.48 | 5,393.6 | 134.3 | -1.2 | 134.3 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 5.67 | 359.48 | 5,493.1 | 144.2 | -1.3 | 144.2 | 0.00 | 0.00 | 0.00 |
| 5,525.0 | 5.67 | 359.48 | 5,518.0 | 146.6 | -1.3 | 146.7 | 0.00 | 0.00 | 0.00 |
| Green River | | | | | | | | | |
| 5,600.0 | 5.67 | 359.48 | 5,592.6 | 154.1 | -1.4 | 154.1 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 5.67 | 359.48 | 5,692.1 | 163.9 | -1.5 | 163.9 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 5.67 | 359.48 | 5,791.6 | 173.8 | -1.6 | 173.8 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 5.67 | 359.48 | 5,891.1 | 183.7 | -1.7 | 183.7 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 5.67 | 359.48 | 5,990.6 | 193.6 | -1.8 | 193.6 | 0.00 | 0.00 | 0.00 |
| 6,100.0 | 5.67 | 359.48 | 6,090.1 | 203.5 | -1.9 | 203.5 | 0.00 | 0.00 | 0.00 |
| 6,200.0 | 5.67 | 359.48 | 6,189.7 | 213.4 | -1.9 | 213.4 | 0.00 | 0.00 | 0.00 |
| 6,300.0 | 5.67 | 359.48 | 6,289.2 | 223.3 | -2.0 | 223.3 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 5.67 | 359.48 | 6,388.7 | 233.1 | -2.1 | 233.2 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 5.67 | 359.48 | 6,488.2 | 243.0 | -2.2 | 243.0 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 5.67 | 359.48 | 6,587.7 | 252.9 | -2.3 | 252.9 | 0.00 | 0.00 | 0.00 |
| 6,634.8 | 5.67 | 359.48 | 6,622.4 | 256.4 | -2.3 | 256.4 | 0.00 | 0.00 | 0.00 |
| Start Drop -1.50 | | | | | | | | | |
| 6,666.6 | 5.20 | 359.48 | 6,654.0 | 259.4 | -2.4 | 259.4 | 1.50 | -1.50 | 0.00 |
| Mahogany | | | | | | | | | |
| 6,700.0 | 4.70 | 359.48 | 6,687.3 | 262.2 | -2.4 | 262.3 | 1.50 | -1.50 | 0.00 |
| 6,800.0 | 3.20 | 359.48 | 6,787.0 | 269.1 | -2.5 | 269.1 | 1.50 | -1.50 | 0.00 |
| 6,900.0 | 1.70 | 359.48 | 6,886.9 | 273.4 | -2.5 | 273.4 | 1.50 | -1.50 | 0.00 |
| 7,000.0 | 0.20 | 359.48 | 6,986.9 | 275.1 | -2.5 | 275.1 | 1.50 | -1.50 | 0.00 |
| 7,013.1 | 0.00 | 0.00 | 7,000.0 | 275.1 | -2.5 | 275.1 | 1.50 | -1.50 | 0.00 |
| Start 2746.0 hold at 7013.1 MD | | | | | | | | | |
| 7,100.0 | 0.00 | 0.00 | 7,086.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 0.00 | 0.00 | 7,186.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 0.00 | 0.00 | 7,286.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 0.00 | 0.00 | 7,386.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 0.00 | 0.00 | 7,486.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,582.1 | 0.00 | 0.00 | 7,569.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Pelican Bench | | | | | | | | | |
| 7,600.0 | 0.00 | 0.00 | 7,586.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 0.00 | 0.00 | 7,686.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,792.1 | 0.00 | 0.00 | 7,779.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| TGR3 | | | | | | | | | |
| 7,800.0 | 0.00 | 0.00 | 7,786.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 0.00 | 0.00 | 7,886.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 7,977.1 | 0.00 | 0.00 | 7,964.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Douglas Creek | | | | | | | | | |
| 8,000.0 | 0.00 | 0.00 | 7,986.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 0.00 | 0.00 | 8,086.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 0.00 | 0.00 | 8,186.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 8,286.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 0.00 | 0.00 | 8,386.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 0.00 | 0.00 | 8,486.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,500.1 | 0.00 | 0.00 | 8,487.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Black Shale Facies | | | | | | | | | |
| 8,597.1 | 0.00 | 0.00 | 8,584.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Castle Peak | | | | | | | | | |

Bill Barrett Corp

Planning Report

| | | | |
|------------------|-------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Site 15-30D-2-2 FD |
| Company: | BILL BARRETT CORP | TVD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Project: | UINTAH COUNTY | MD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Site: | 15-30D-2-2 FD | North Reference: | True |
| Well: | 15-30D-2-2 FD | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 8,600.0 | 0.00 | 0.00 | 8,586.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 0.00 | 0.00 | 8,686.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,777.1 | 0.00 | 0.00 | 8,764.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Uteland Butte | | | | | | | | | |
| 8,800.0 | 0.00 | 0.00 | 8,786.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 0.00 | 0.00 | 8,886.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 0.00 | 0.00 | 8,986.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 0.00 | 0.00 | 9,086.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 0.00 | 0.00 | 9,186.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,259.1 | 0.00 | 0.00 | 9,246.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 9,300.0 | 0.00 | 0.00 | 9,286.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 0.00 | 0.00 | 9,386.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 0.00 | 0.00 | 9,486.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 0.00 | 0.00 | 9,586.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 0.00 | 0.00 | 9,686.9 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| 9,759.1 | 0.00 | 0.00 | 9,746.0 | 275.1 | -2.5 | 275.1 | 0.00 | 0.00 | 0.00 |
| TD at 9759.1 | | | | | | | | | |

Targets

| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| 15-30D-2-2 FD PBHL - plan hits target - Rectangle (sides W200.0 H200.0 D0.0) | 0.00 | 0.00 | 9,746.0 | 275.1 | -2.5 | -16,554.56 | 2,471,799.34 | 40° 16' 31.069 N | 109° 48' 33.412 W |
| 15-30D-2-2 FD BTV - plan hits target - Rectangle (sides W200.0 H200.0 D2,746.0) | 0.00 | 0.00 | 7,000.0 | 275.1 | -2.5 | -16,554.56 | 2,471,799.34 | 40° 16' 31.069 N | 109° 48' 33.412 W |

Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|--------------------|-----------|---------|-------------------|
| 5,525.0 | 5,518.0 | Green River | | 0.00 | |
| 6,666.6 | 6,654.0 | Mahogany | | 0.00 | |
| 7,582.1 | 7,569.0 | Pelican Bench | | 0.00 | |
| 7,792.1 | 7,779.0 | TGR3 | | 0.00 | |
| 7,977.1 | 7,964.0 | Douglas Creek | | 0.00 | |
| 8,500.1 | 8,487.0 | Black Shale Facies | | 0.00 | |
| 8,597.1 | 8,584.0 | Castle Peak | | 0.00 | |
| 8,777.1 | 8,764.0 | Uteland Butte | | 0.00 | |
| 9,259.1 | 9,246.0 | Wasatch | | 0.00 | |

Bill Barrett Corp

Planning Report

| | | | |
|------------------|-------------------|-------------------------------------|------------------------------------|
| Database: | Compass | Local Co-ordinate Reference: | Site 15-30D-2-2 FD |
| Company: | BILL BARRETT CORP | TVD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Project: | UINTAH COUNTY | MD Reference: | KB @ 5025.0ft (Original Well Elev) |
| Site: | 15-30D-2-2 FD | North Reference: | True |
| Well: | 15-30D-2-2 FD | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 | | |

| Plan Annotations | | | | | |
|---------------------------|---------------------------|-------------------|---------------|--------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment | |
| | | +N/-S (ft) | +E/-W (ft) | | |
| 3,900.0 | 3,900.0 | 0.0 | 0.0 | Start Build 2.00 | |
| 4,183.7 | 4,183.2 | 14.0 | -0.1 | Start 2451.1 hold at 4183.7 MD | |
| 6,634.8 | 6,622.4 | 256.4 | -2.3 | Start Drop -1.50 | |
| 7,013.1 | 7,000.0 | 275.1 | -2.5 | Start 2746.0 hold at 7013.1 MD | |
| 9,759.1 | 9,746.0 | 275.1 | -2.5 | TD at 9759.1 | |

CONFIDENTIAL

MEMORANDUM OF SURFACE USE AGREEMENT

Entry 2013010126
Book 1354 Page 378 \$12.00
22-OCT-13 10:40
RANDY SIMMONS
RECORDER, UTAH COUNTY, UTAH
ENCORE LAND SERVICES INC
PO BOX 1729 VERNAL, UT 84078
Rec By: DEBRA ROOKS , DEPUTY

State of Utah)(
County of Uintah)(

For Ten Dollars (\$10.00) and other adequate consideration, **Vernon B. Richens and Eva Diane Richens, as husband and wife with full rights of survivorship, of P.O. Box 722, Ft. Duchesne, UT 84026**, hereafter referred to as "Surface Owners" have granted, a Surface Use Agreement, to **Bill Barrett Corporation of 1099 18th Street, #2300, Denver, CO 80202**, hereafter referred to as "Bill Barrett", dated **October 21, 2013**, for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from **FD 15-30D-2-2** on the following land (the "Lands") in Uintah County Utah: **A tract of land lying in the SE/4SW/4 and SW/4SE/4 of Section 30 and the NE/4NW/4 of Section 31, Township 2 South, Range 2 East, USM, Uintah County.**

The Surface Use Agreement is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Use Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 21 day of Oct., 2013.

SURFACE OWNERS:

Vernon B. Richens
Vernon B. Richens

Eva Diane Richens
Eva Diane Richens

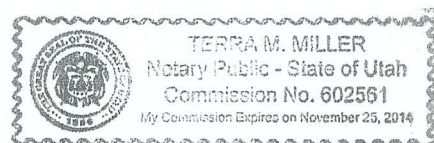
ACKNOWLEDGEMENT

STATE OF UTAH }
COUNTY OF UTAH } SS
COUNTY OF UTAH }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 21st day of October, 2013, personally appeared **Vernon B. and Eva Diane Richens, in the capacity as stated above**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Terra M. Miller
Notary Public

Residing At: Vernal, UT



SURFACE USE AGREEMENT
(FD 15-30D-2-2)

THIS AGREEMENT Dated October 21, 2013 by and between _____

Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship
whose address is P. O. Box 722, Ft. Duchesne, UT 84026
Phone # (435-545-2535)
Bill Barrett Corporation and its Subsidiaries , hereinafter referred to as "Surface Owners", and
whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owners represent that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah , hereinafter referred to as "Lands", to wit:

A tract of land lying in the **SE/4SW/4 and SW/4SE/4 of Section 30 and the NE/4NW/4 of Section 31, Township 2 South, Range 2 East, USM** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owners are generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owners as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

2. Operator agrees to consult with the surface owners and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owners and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owners may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owners consider that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owners actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owners from any and all environmental problems it causes on the Lands.

8. In the event Surface Owners own less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.
9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.
10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.
11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

SURFACE OWNERS:

Vernon B Richens
By: Vernon B. Richens

Eva Diane Richens
By: Eva Diane Richens

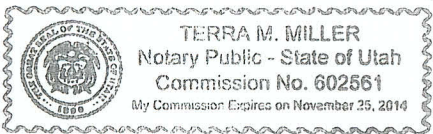
OPERATOR:
Bill Barrett Corporation

Mitchell J. Reneau, Vice President - Land

ACKNOWLEDGMENT

STATE OF Utah }
COUNTY OF Uintah } SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 21st day of October, 2013, personally appeared **Vernon B and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.



Terra M. Miller
Notary Public
Residing at: Vernal, UT

ACKNOWLEDGMENT

STATE OF COLORADO }
CITY & COUNTY OF DENVER } SS

On the _____ day of _____, 2013, before me the undersigned authority, appeared **Mitchell J. Reneau**, to me personally known, who, being sworn, did say that they are the Vice President – Land for Bill Barrett Corporation, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.

NOTARY PUBLIC
Residing at: _____

1/4 Section Line

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 NW 1/4 OF SECTION 31, T2S, R2E, U.S.B.&M., WHICH BEARS S77°15'15"W 3172.83' FROM THE NORTHEAST CORNER OF SAID SECTION 31, THENCE N32°08'35"W 166.18'; THENCE N32°10'14"W 131.58'; THENCE N20°45'29"W 183.50'; THENCE N10°09'31"W 181.73'; THENCE N00°01'19"E 57.52' TO A POINT ON THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SAID SECTION 31, WHICH BEARS S89°19'01"W 3350.43' FROM THE NORTHEAST CORNER OF SAID SECTION 31, THENCE N00°01'19"E 474.94'; THENCE N30°22'37"E 84.76'; THENCE N38°37'15"E 89.06'; THENCE N62°47'48"E 93.28'; THENCE N88°13'23"E 838.56'; THENCE S67°19'46"E 95.41' TO A POINT IN THE SW 1/4 SE 1/4 OF SECTION 30, T2S, R2E, U.S.B.&M., WHICH BEARS N74°47'31"W 2323.77' FROM THE SOUTHEAST CORNER OF SAID SECTION 30. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.651 ACRES MORE OR LESS.

Lot 3

1/16 Section Line

SW 1/4

Vern B. & Nial L. Richens, Vernon B. & Eva Diane Richens

Lot 4

Corner Re-Established By Single Proportion Method. (Not Set On Ground.)

Section Line

BEGINNING OF ROAD STA. 0+00 BEARS S77°15'15"W 3172.83' FROM THE NORTHEAST CORNER OF SECTION 31, T2S, R2E, U.S.B.&M.

P.O.S.L. 7+20.51 BEARS S89°19'01"W 3350.43' FROM THE NORTHEAST CORNER OF SECTION 31, T2S, R2E, U.S.B.&M.

END OF ROAD STA. 23+96.53 BEARS N74°47'31"W 2323.77' FROM THE SOUTHEAST CORNER OF SECTION 30, T2S, R2E, U.S.B.&M.

Lot 1

SURFACE USE AREA ED #3-31D-2-2

SW Cor. Sec. 31
Pipe in Ground
of Stones

NW 1/4

Sec. 31

Sec. 30

| LINE TABLE | | | LINE TABLE | | |
|------------|-------------|---------|------------|-------------|---------|
| LINE | DIRECTION | LENGTH | LINE | DIRECTION | LENGTH |
| L1 | N03°37'45"E | 61.88' | L16 | N02°35'01"W | 49.95' |
| L2 | N28°22'55"W | 56.45' | L17 | N51°26'57"E | 66.39' |
| L3 | N32°08'35"W | 28.29' | L18 | N88°00'04"E | 433.90' |
| L4 | N32°08'35"W | 166.18' | L19 | S39°00'33"E | 37.91' |
| L5 | N32°10'14"W | 131.58' | L20 | S01°20'39"E | 139.81' |
| L6 | N20°45'29"W | 183.50' | L21 | S39°03'40"E | 38.24' |
| L7 | N10°09'31"W | 181.73' | L22 | S03°57'09"E | 172.90' |
| L8 | N00°01'19"E | 57.52' | L23 | S37°34'25"W | 62.54' |
| L9 | N00°01'19"E | 474.94' | L24 | S87°34'11"W | 198.48' |
| L10 | N30°22'37"E | 84.76' | L25 | S76°31'14"W | 65.20' |
| L11 | N38°37'15"E | 89.06' | L26 | N79°40'19"W | 163.19' |
| L12 | N62°47'48"E | 93.28' | L27 | N57°12'07"W | 80.72' |
| L13 | N88°13'23"E | 838.56' | L28 | N30°18'18"W | 30.17' |
| L14 | S67°19'46"E | 95.41' | L29 | N00°01'39"W | 174.64' |
| L15 | S67°19'46"E | 59.58' | L30 | N02°35'01"W | 64.59' |

SE 1/4

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 23+96.53 (At Edge of Surface Use Area)

SURFACE USE AREA ED #15-30D-2-2 Contains 4.942 Acres

S89°19'01"W - 5162.16' (Meas.)

SE Cor. Sec. 30,
Set Marked Stone,
Small Stones

SURFACE USE AREA DESCRIPTION

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)

BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 30, T2S, R2E, U.S.B.&M., WHICH BEARS N74°47'31"W 2323.77' FROM THE SOUTHEAST CORNER OF SAID SECTION 30, THENCE N02°35'01"W 49.95'; THENCE N51°26'57"E 66.39'; THENCE N88°00'04"E 433.90'; THENCE S39°00'33"E 37.91'; THENCE S01°20'39"E 139.81'; THENCE S39°03'40"E 38.24'; THENCE S03°57'09"E 172.90'; THENCE S37°34'25"W 62.54'; THENCE S87°34'11"W 198.48'; THENCE S76°31'14"W 65.20'; THENCE N79°40'19"W 163.19'; THENCE N57°12'07"W 80.72'; THENCE N30°18'18"W 30.17'; THENCE N00°01'39"W 174.64'; THENCE N02°35'01"W 64.59' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.942 ACRES MORE OR LESS.

BILL BARRETT CORPORATION

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FD #15-30D-2-2)

LOCATED IN SECTIONS 30 & 31, T2S, R2E, U.S.B.&M., UTAH COUNTY, UTAH



SCALE

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

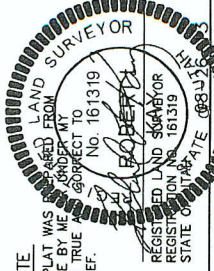
RIGHT-OF-WAY LENGTHS

| PROPERTY OWNER | FEET | ACRES | RODS |
|--|---------|-------|--------|
| VERN B. & NIAL L. RICHENS, VERNON B. & EVA DIANE RICHENS | 2396.53 | 1.651 | 145.24 |

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE FIELD NOTES, FACTS, SURVEY MADE BY ME, AND THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

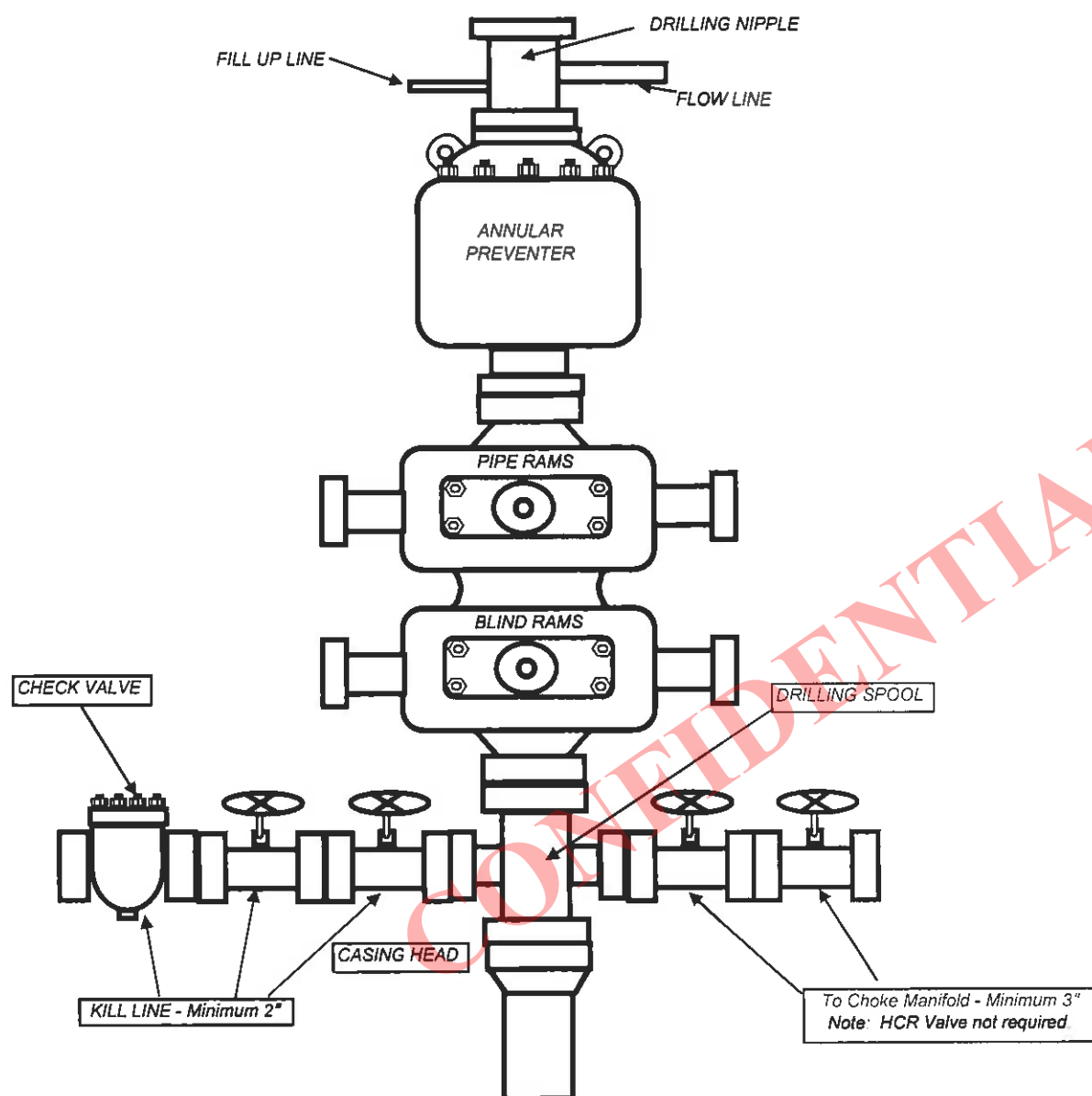


UTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

| | |
|-------------------------|---------------------------|
| SCALE 1" = 400' | DATE 08-14-13 |
| PARTY C.R. C.I. S.F. | REFERENCES G.L.O. PLAT |
| WEATHER HOT | FILE 5 4 9 4 2 |

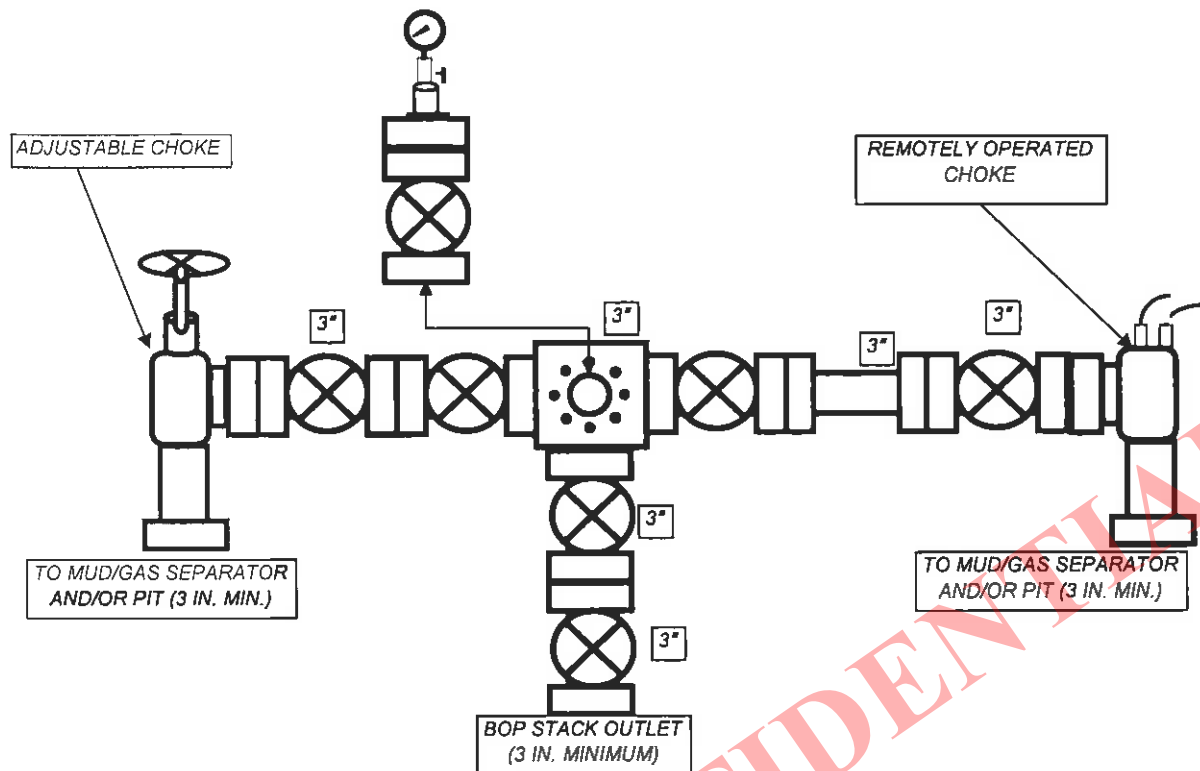
BILL BARRETT CORPORATION

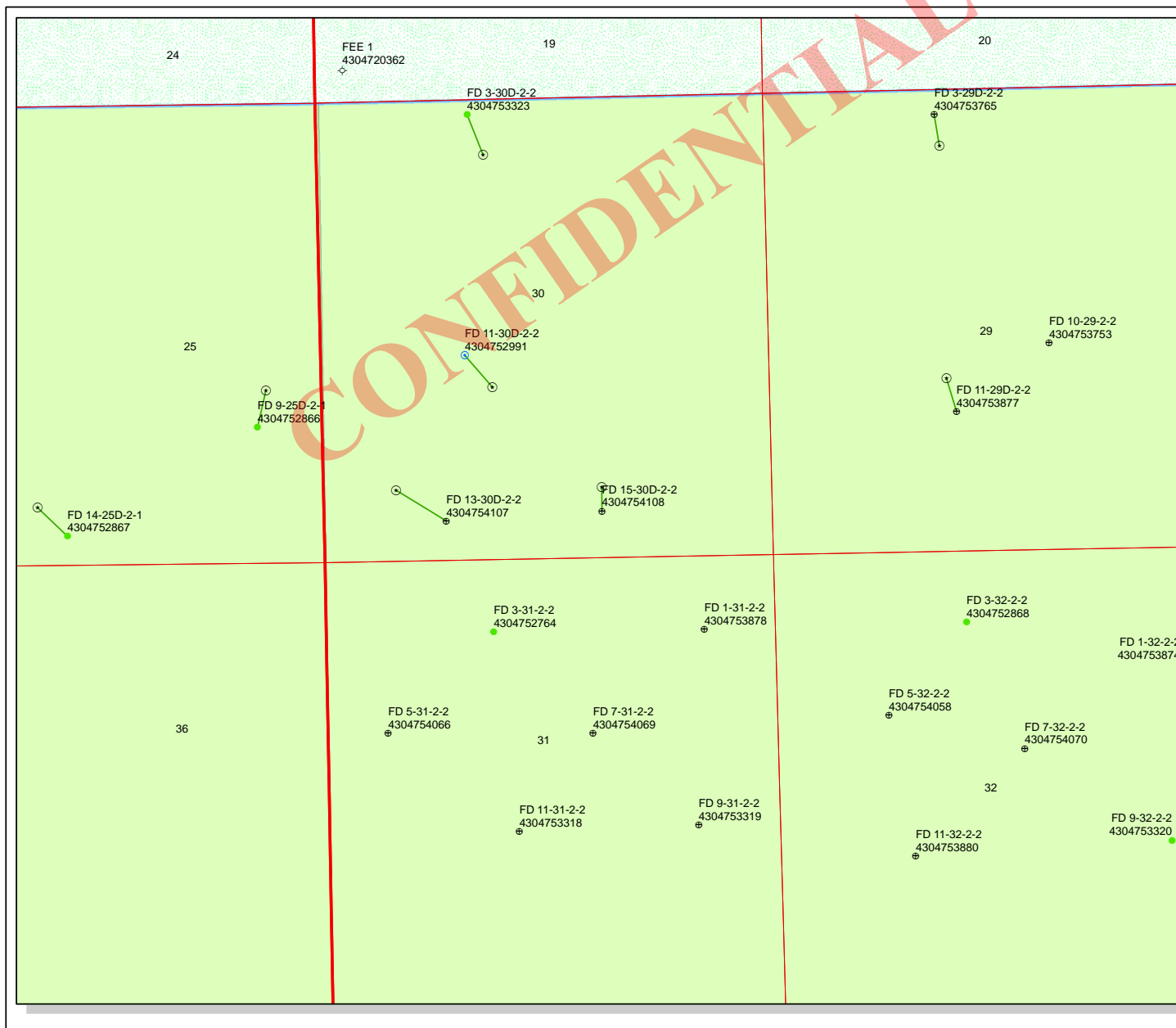
TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD





API Number: 4304754108

Well Name: FD 15-30D-2-2

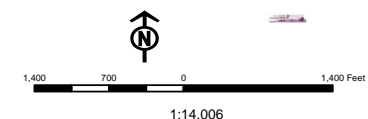
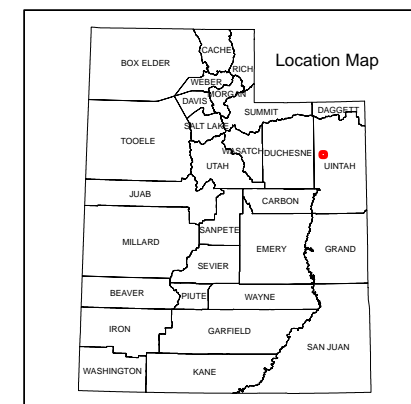
Township: T02.0S Range: R02.0E Section: 30 Meridian: U

Operator: BILL BARRETT CORP

Map Prepared: 11/6/2013
Map Produced by Diana Mason

| Wells Query | | Units | |
|------------------------------------|--|--------------|--|
| Status | | STATUS | |
| APD - Approved Permit | | ACTIVE | |
| DRL - Spudded (Drilling Commenced) | | EXPLORATORY | |
| GIW - Gas Injection | | GAS STORAGE | |
| GS - Gas Storage | | NF PP OIL | |
| LOC - New Location | | NF SECONDARY | |
| OPS - Operation Suspended | | PI OIL | |
| PA - Plugged Abandoned | | PP GAS | |
| PGW - Producing Gas Well | | PP GEOTHERML | |
| POW - Producing Oil Well | | PP OIL | |
| SGW - Shut-in Gas Well | | SECONDARY | |
| SOW - Shut-in Oil Well | | TERMINATED | |
| TA - Temp. Abandoned | | | |
| TW - Test Well | | | |
| WDW - Water Disposal | | | |
| WW - Water Injection Well | | | |
| WSW - Water Supply Well | | | |

| Fields | |
|------------|--|
| STATUS | |
| Unknown | |
| ABANDONED | |
| ACTIVE | |
| COMBINED | |
| INACTIVE | |
| STORAGE | |
| TERMINATED | |



BOPE REVIEW BILL BARRETT CORP FD 15-30D-2-2 43047541080000

| | | | | |
|--|--|-------|-------|--|
| Well Name | BILL BARRETT CORP FD 15-30D-2-2 43047541080000 | | | |
| String | COND | SURF | PROD | |
| Casing Size(in) | 16.000 | 9.625 | 5.500 | |
| Setting Depth (TVD) | 80 | 3800 | 9746 | |
| Previous Shoe Setting Depth (TVD) | 0 | 80 | 3800 | |
| Max Mud Weight (ppg) | 8.7 | 8.7 | 9.5 | |
| BOPE Proposed (psi) | 0 | 500 | 5000 | |
| Casing Internal Yield (psi) | 1000 | 3250 | 10640 | |
| Operators Max Anticipated Pressure (psi) | 4821 | | 9.5 | |

| | | | |
|---|--|--------|---|
| Calculations | COND String | 16.000 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 36 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 26 | NO |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 18 | NO |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 18 | NO |
| Required Casing/BOPE Test Pressure= | | 80 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 0 | psi *Assumes 1psi/ft frac gradient |

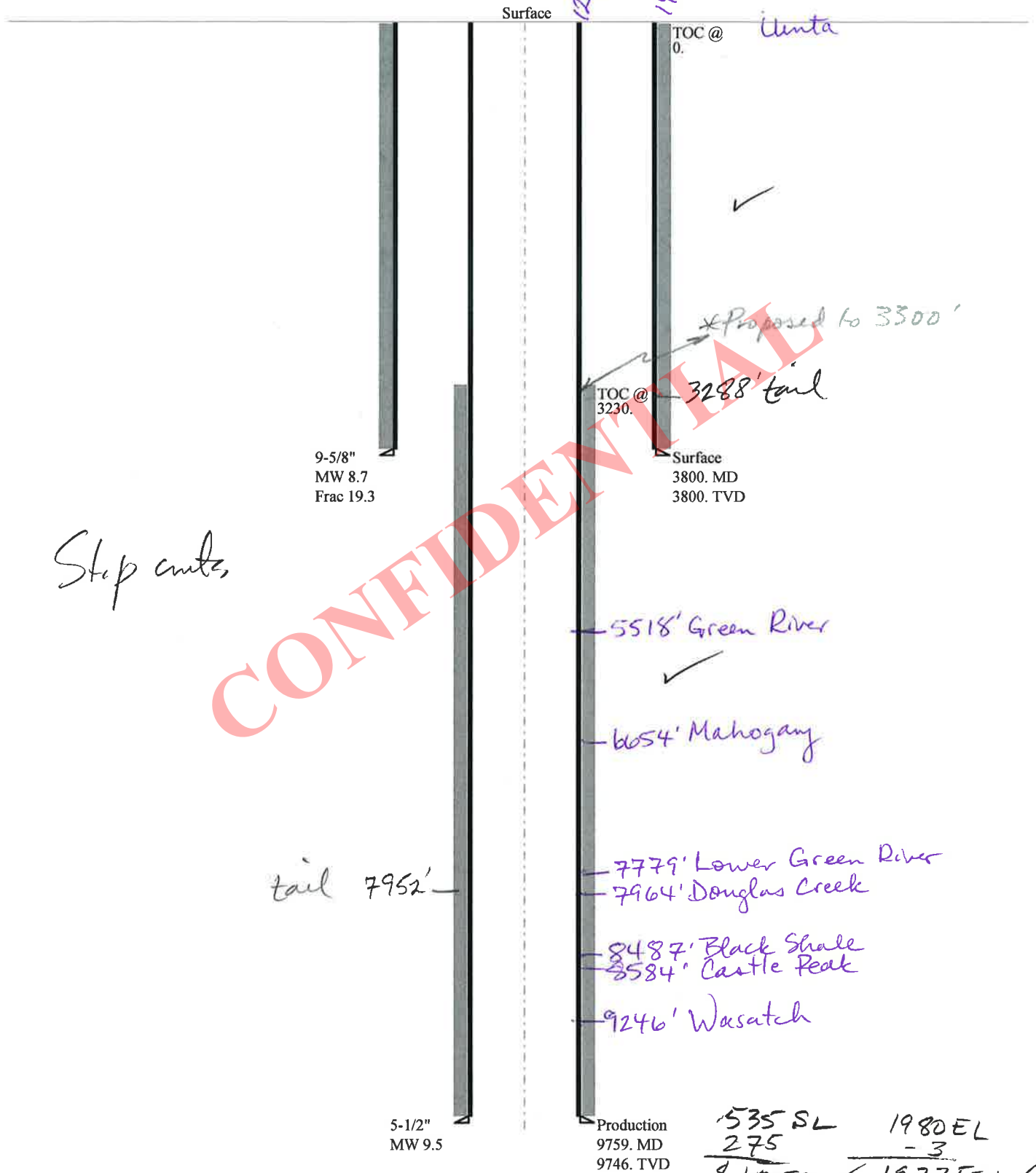
| | | | |
|---|--|-------|---|
| Calculations | SURF String | 9.625 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 1749 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 1263 | NO diverter or rotating head |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 883 | NO No known or expected pressures in area |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 901 | NO |
| Required Casing/BOPE Test Pressure= | | 2275 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 80 | psi *Assumes 1psi/ft frac gradient |

| | | | |
|---|--|-------|---|
| Calculations | PROD String | 5.500 | " |
| Max BHP (psi) | .052*Setting Depth*MW= | 4815 | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | 3645 | YES 5M BOPE, ram type, 5M annular |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | 2671 | YES OK |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | 3507 | YES OK |
| Required Casing/BOPE Test Pressure= | | 5000 | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | 3250 | psi *Assumes 1psi/ft frac gradient |

| | | | |
|---|--|--|---|
| Calculations | String | | " |
| Max BHP (psi) | .052*Setting Depth*MW= | | |
| | | | BOPE Adequate For Drilling And Setting Casing at Depth? |
| MASP (Gas) (psi) | Max BHP-(0.12*Setting Depth)= | | NO |
| MASP (Gas/Mud) (psi) | Max BHP-(0.22*Setting Depth)= | | NO |
| | | | *Can Full Expected Pressure Be Held At Previous Shoe? |
| Pressure At Previous Shoe | Max BHP-.22*(Setting Depth - Previous Shoe Depth)= | | NO |
| Required Casing/BOPE Test Pressure= | | | psi |
| *Max Pressure Allowed @ Previous Casing Shoe= | | | psi *Assumes 1psi/ft frac gradient |

43047541080000 FD 15-30D-2-2

Casing Schematic



Step cuts

| | | |
|--------------|-------------------------------------|--------------|
| Well name: | 43047541080000 FD 15-30D-2-2 | |
| Operator: | BILL BARRETT CORP | Project ID: |
| String type: | Surface | 43-047-54108 |
| Location: | UINTAH COUNTY | |

Design parameters:**Collapse**

Mud weight: 8.700 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 127 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 3,344 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,800 psi

Annular backup: 1.50 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 3,311 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,782 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,827 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,800 ft
Injection pressure: 3,800 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 3800 | 9.625 | 36.00 | J-55 | LT&C | 3800 | 3800 | 8.796 | 31073 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 1717 | 2020 | 1.176 | 3504 | 3520 | 1.00 | 119.2 | 453 | 3.80 J |

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 9, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3800 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

| | | | |
|--------------|-------------------------------------|-------------|--------------|
| Well name: | 43047541080000 FD 15-30D-2-2 | | |
| Operator: | BILL BARRETT CORP | | |
| String type: | Production | Project ID: | 43-047-54108 |
| Location: | UINTAH COUNTY | | |

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 210 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 3,230 ft

Burst

Max anticipated surface pressure: 2,666 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,810 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional Info - Build & Drop

Kick-off point 3900 ft
Departure at shoe: 275 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.
Neutral point: 8,355 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 9759 | 5.5 | 17.00 | P-110 | LT&C | 9746 | 9759 | 4.767 | 64281 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 4810 | 7480 | 1.555 | 4810 | 10640 | 2.21 | 141.8 | 445 | 3.14 J |

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 9, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9746 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 15-30D-2-2
API Number 43047541080000 **APD No** 8931 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4SWSE **Sec** 30 **Tw** 2.0S **Rng** 2.0E 535 FSL 1980 FEL
GPS Coord (UTM) 601173 4458909 **Surface Owner** VERNON RICHENS

Participants

Kary Eldredge and Jake Woodland (Bill Barrett Corporation), Cody Rich (surveyor), Jim Burns (permit contractor), Terra Miller (land contractors)

Regional/Local Setting & Topography

This proposed well site is just 2 miles south of Gusher, Utah which is approximately midway between the much larger towns of Vernal and Roosevelt, Utah. The terrain here is made up of small scattered hills and dry washes. The soil is mostly quite permeable sandy loam which supports sage brush and various desert grasses. Drainage is generally to the north toward a series of washes, wetlands and ponds. This lower lying drainage area trends toward the west and scattered throughout, where topography and water permits, are irrigated alfalfa hay fields.

This well site sits at the north side base of a steep ledge rock hill. The site is quite flat with a gentle slope to the north to a flat covered with Russian olives.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

| New Road Miles | Well Pad | Src Const Material | Surface Formation |
|---------------------------|------------------------------------|---------------------------|--------------------------|
| 0.5 | Width 300 Length 400 | Offsite | UNTA |

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Indian rice grass, various desert grasses, small sage

Pronghorn habitat

Soil Type and Characteristics

Sandy clay loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N**Drainage Diversion Required?** Y

Minor diversions needed

Berm Required? Y

wetter areas to the north

Erosion Sedimentation Control Required? N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking****Distance to Groundwater (feet)** 25 to 75 15**Distance to Surface Water (feet)** >1000 0**Dist. Nearest Municipal Well (ft)** >5280 0**Distance to Other Wells (feet)** >1320 0**Native Soil Type** Mod permeability 10**Fluid Type** TDS>10000 15**Drill Cuttings** Normal Rock 0**Annual Precipitation (inches)** 0**Affected Populations****Presence Nearby Utility Conduits** Not Present 0**Final Score** 40 1 Sensitivity Level**Characteristics / Requirements**

The reserve pit is proposed in a cut stable location. Dimensions are 200 x 100 x 10ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner will be used. This liner program appears adequate for this location.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y**Other Observations / Comments**

Richard Powell
Evaluator

11/6/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

| APD No | API WellNo | Status | Well Type | Surf Owner | CBM |
|-----------|--|--------|-------------------|----------------|-----|
| 8931 | 43047541080000 | LOCKED | OW | P | No |
| Operator | BILL BARRETT CORP | | Surface Owner-APD | VERNON RICHENS | |
| Well Name | FD 15-30D-2-2 | | Unit | | |
| Field | UNDESIGNATED | | Type of Work | DRILL | |
| Location | SWSE 30 2S 2E U 535 FSL 1980 FEL GPS Coord (UTM) 601177E 4458897N | | | | |

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 3,800 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 3,800'. A search of Division of Water Rights records shows 6 water wells within a 10,000 foot radius of the center of Section 29. The wells are 60-500 feet in depth with listed uses as domestic, irrigation and stock watering. The wells probably produce water from near-surface alluvium and the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

11/19/2013
Date / Time

Surface Statement of Basis

This well is on fee surface with fee minerals. Surface owner Vernon Richens was invited to this onsite and several other well sites on Mr. Richens land to be visited this day. I spoke with Mr. Richens to discuss the well sites in general and he stated that prior to placement of the wells on the Richens land, he was consulted by Bill Barrett Corporation and all locations were placed such that his farming and livestock operation would not be disturbed. Mr. Richens chose not to participate in the days presite inspections but expressed that he had no concerns with any of the proposed locations. According to Kary Eldredge a 20 mil liner will be used for this reserve pit. This liner will be adequate for the location. Due to nearby wetlands, this well pad must be bermed to keep any leaked or spilled fluids contained to the pad. It appears there is high ground water near the north of the location but well away from the proposed reserve pit. Minor drainage diversions will be needed for this location but it appears to be a good site for this well.

Richard Powell
Onsite Evaluator

11/6/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

| Category | Condition |
|----------|---|
| Pits | A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit. |
| Surface | The well site shall be bermed to prevent fluids from leaving the pad. |
| Surface | Drainages adjacent to the proposed pad shall be diverted around the location. |

API Well Number: 43047541080000

Surface The reserve pit shall be fenced upon completion of drilling operations.

CONFIDENTIAL

RECEIVED: December 10, 2013

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/31/2013

API NO. ASSIGNED: 43047541080000

WELL NAME: FD 15-30D-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: SWSE 30 020S 020E

Permit Tech Review: ☒

SURFACE: 0535 FSL 1980 FEL

Engineering Review: ☒

BOTTOM: 0810 FSL 1980 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.27443

LONGITUDE: -109.80993

UTM SURF EASTINGS: 601177.00

NORTHINGS: 4458897.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: STATE - LPM4138148

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☐ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 49-1645

Board Cause No: Cause 139-106

☐ RDCC Review:

Effective Date: 11/14/2013

☒ Fee Surface Agreement

Siting: 660' Fr Drlg U Bdry & 990' Fr Other Wells

☒ Intent to Commingle☒ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
15 - Directional - bhill
25 - Surface Casing - hmacdonald

RECEIVED: December 10, 2013



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 15-30D-2-2
API Well Number: 43047541080000
Lease Number: fee
Surface Owner: FEE (PRIVATE)
Approval Date: 12/11/2013

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-106. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingling:

In accordance with Board Cause No. 139-106, commingling of the production from the Wasatch formation and the Lower Green River formation (Spaced Interval) in this well is allowed.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 3300' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall

submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

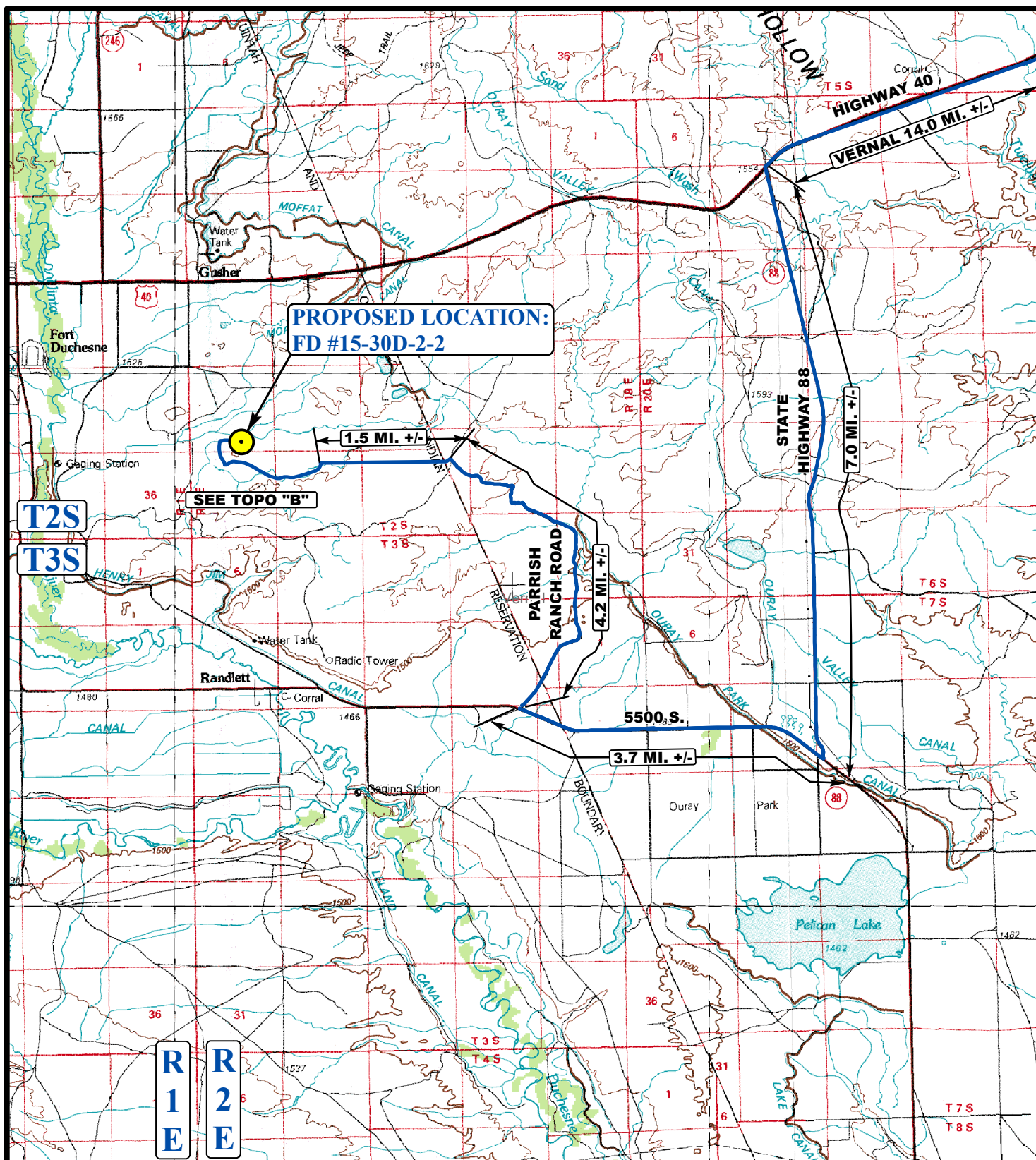
- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

| | | |
|--|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| COUNTY: UINTAH | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/12/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> | |
| OTHER: access and pipeline changes | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached are revised plats showing the minor access road and pipeline changes to work around power lines. Please contact Brady Riley at 303-312-8115 with questions. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 16, 2013 | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 12/12/2013 | |



LEGEND:

● PROPOSED LOCATION

BILL BARRETT CORPORATION

FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

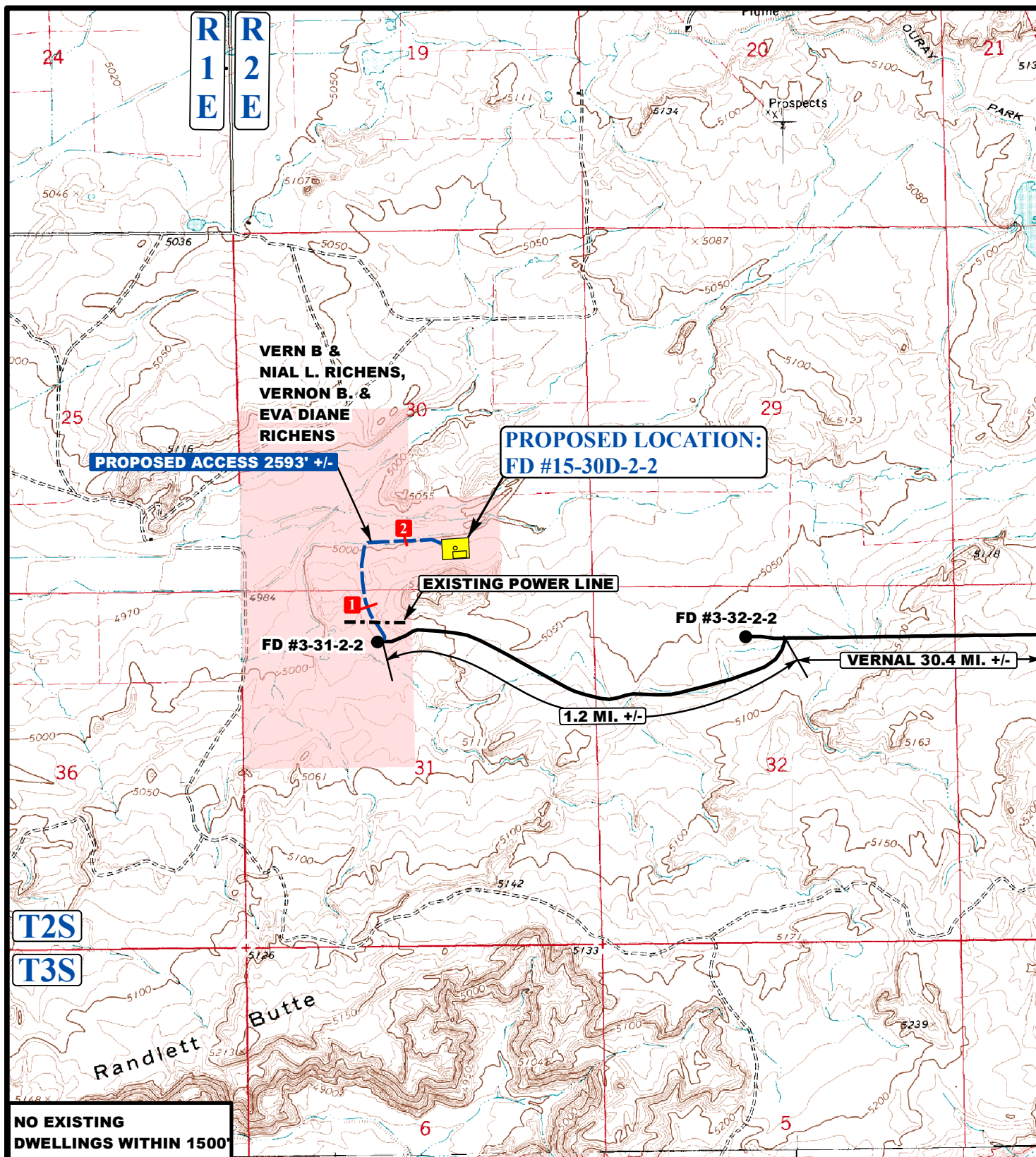


ACCESS ROAD
MAP

08 **13** **13**
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: S.O. REV: 11/25/2013 J.M.C.





- EXISTING ROADS
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED
- INSTALL CATTLE GUARD



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



BILL BARRETT CORPORATION

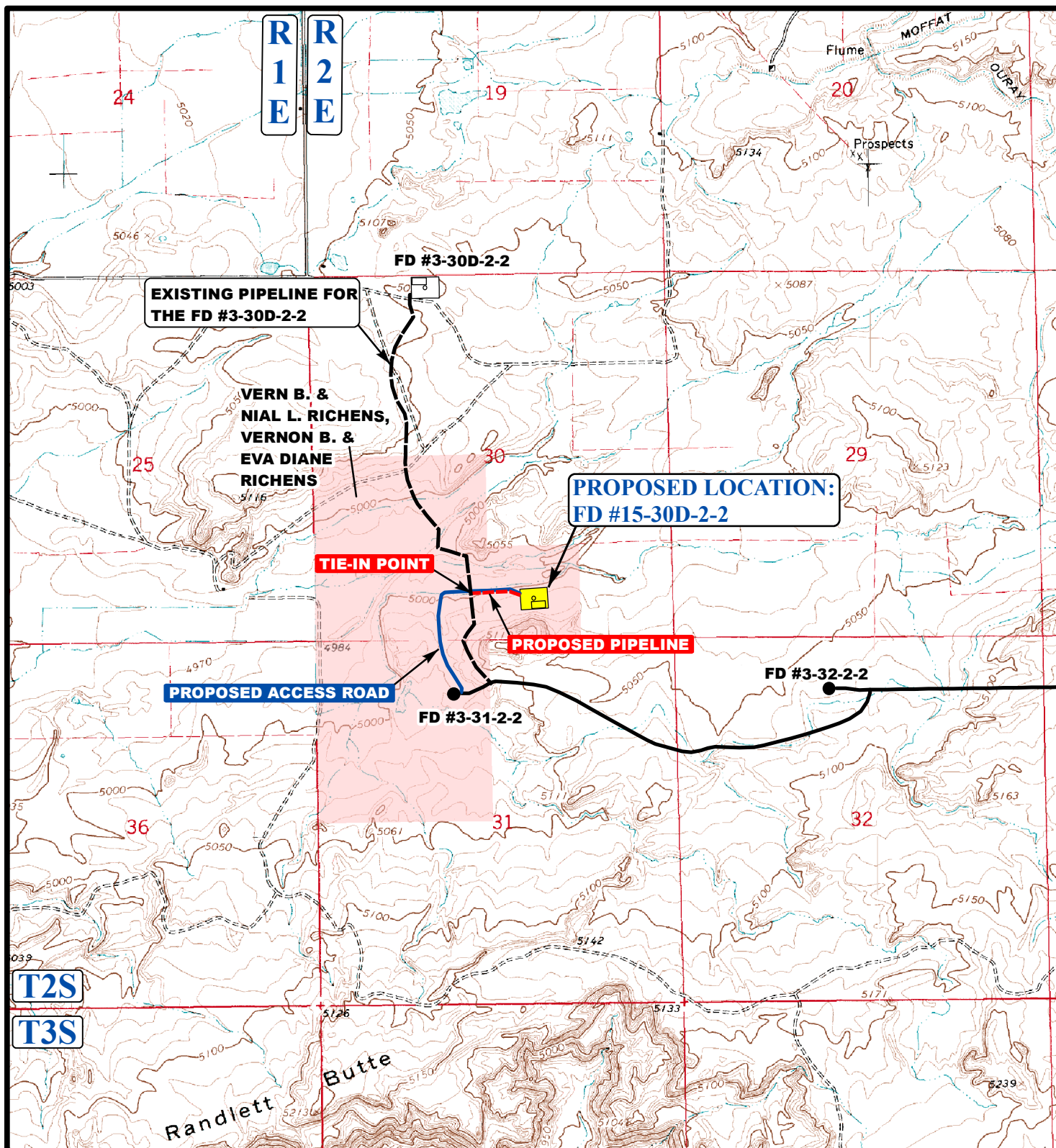
FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL

ACCESS ROAD
MAP

08 **13** **13**
 MONTH DAY YEAR

SCALE: 1"= 2000' DRAWN BY: S.O. REV: 11/25/2013 J.M.C.





APPROXIMATE TOTAL PIPELINE DISTANCE = 667' +/-

LEGEND:

- EXISTING ROADS
- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

BILL BARRETT CORPORATION

FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

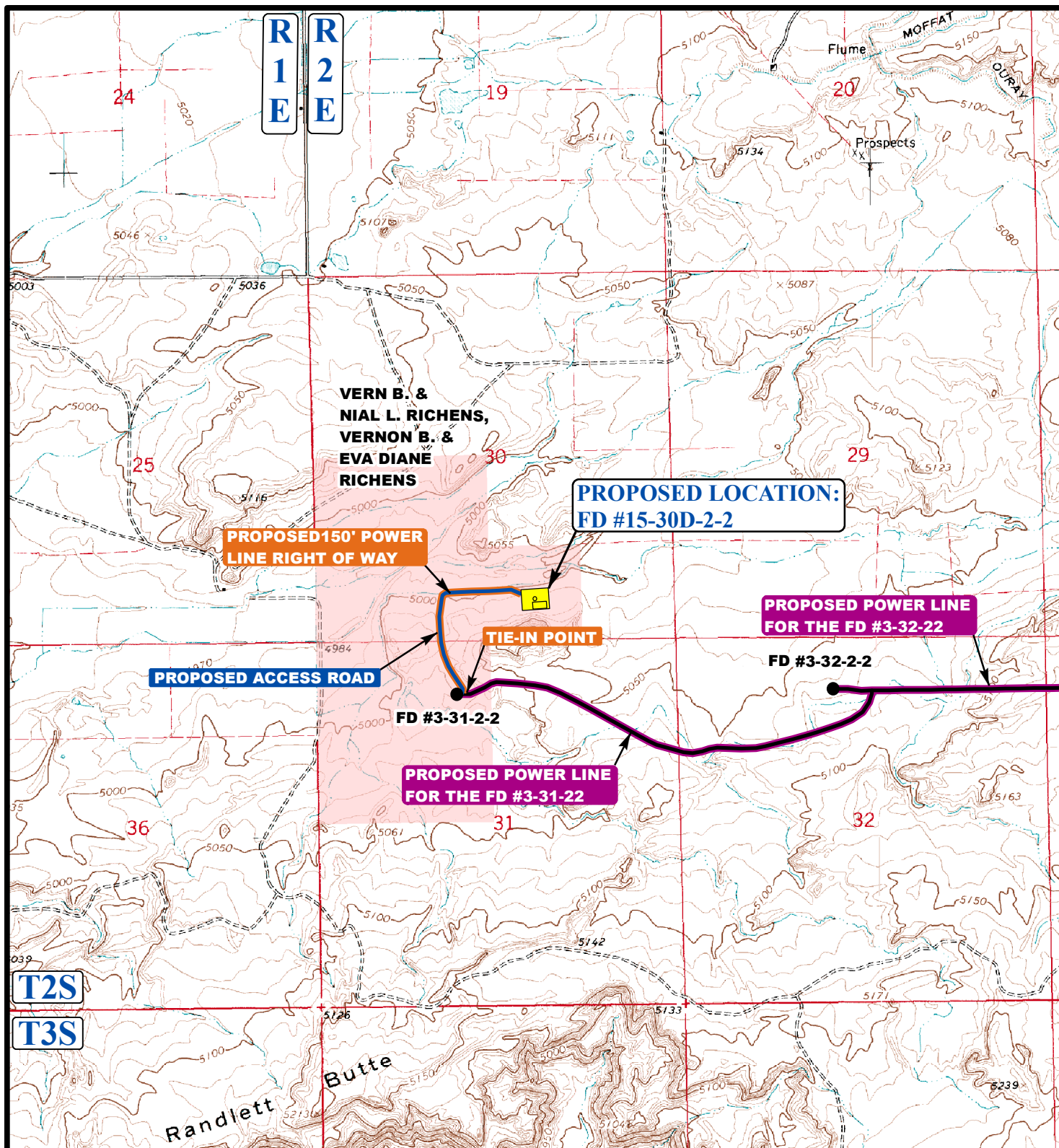


TOPOGRAPHIC
MAP

SCALE: 1"= 2000' DRAWN BY: S.O. REV: 11/25/2013 J.M.C.

08 **13** **13**
 MONTH DAY YEAR





APPROXIMATE TOTAL POWER LINE DISTANCE 2593' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING POWER LINE
- PROPOSED POWER LINE
- PROPOSED POWER LINE (SERVICING OTHER WELLS)

BILL BARRETT CORPORATION

FD #15-30D-2-2
SECTION 30, T2S, R2E, U.S.B.&M.
535' FSL 1980' FEL



Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

SCALE: 1"= 2000'

DRAWN BY: S.O.

08 **13** **13**
 MONTH DAY YEAR

REV: 11/25/2013 J.M.C.



| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| COUNTY: UINTAH | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/23/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> |

OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Bill Barrett Corporation is requesting permission to revise the drilling plan for this well: Surface casing set depth: 1200' Surface casing description: 8-5/8" 24# J55 STC (Hole size remains at 12-1/4" hole) Surface cement volumes: 160 sx 11.0 ppg lead (75% excess) 270 sx 14.8 ppg tail (75% excess) Production Hole and Casing size remains the same. Production grade changing to: P-110 OR I-80

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: December 30, 2013

By: 

| | | |
|---|-------------------------------------|--------------------------------|
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 12/23/2013 | |



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047541080000

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 900' MD in order to adequately isolate the Base of Moderately Saline Groundwater.

| | | |
|--------------|-------------------------------------|-----------------------------|
| Well name: | 43047541080000 FD 15-30D-2-2 | |
| Operator: | BILL BARRETT CORP | |
| String type: | Surface | Project ID: 43-047-54108 |
| Location: | UINTAH COUNTY | |

Design parameters:**Collapse**

Mud weight: 8.700 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 91 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 12 ft

Cement top: Surface w/178~0

Burst

Max anticipated surface pressure: 1,056 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,200 psi

Annular backup: 1.50 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,045 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,782 ft
Next mud weight: 9.500 ppg
Next setting BHP: 4,827 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,200 ft
Injection pressure: 1,200 psi

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 1200 | 8.625 | 24.0 | J-SS | ST&C | 1200 | 1200 | 8 | 7920 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 542 | 1370 | 2.528 | 1106 | 2950 | 2.667 | 24 | 244 | 10.167 |

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 23, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1200 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

| | | |
|--------------|-------------------------------------|--------------|
| Well name: | 43047541080000 FD 15-30D-2-2 | |
| Operator: | BILL BARRETT CORP | Project ID: |
| String type: | Production | 43-047-54108 |
| Location: | UINTAH COUNTY | |

Design parameters:**Collapse**

Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 211 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 3,165 ft w/ 12% w/o
to 900' w/ 3% w/o

Burst

Max anticipated surface pressure: 2,675 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,827 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional well information:

Kick-off point 3900 ft
Departure at shoe: 671 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.
Neutral point: 8,463 ft

| Run Seq | Segment Length (ft) | Size (in) | Nominal Weight (lbs/ft) | Grade | End Finish | True Vert Depth (ft) | Measured Depth (ft) | Drift Diameter (in) | Est. Cost (\$) |
|---------|---------------------|-------------------------|-------------------------|------------------|----------------------|----------------------|---------------------|-------------------------|-----------------------|
| 1 | 9759 | 5.5 | 17.00 | I-80 | LT&C | 9746 | 9759 | 4.767 | 110764 |
| Run Seq | Collapse Load (psi) | Collapse Strength (psi) | Collapse Design Factor | Burst Load (psi) | Burst Strength (psi) | Burst Design Factor | Tension Load (kips) | Tension Strength (kips) | Tension Design Factor |
| 1 | 4827 | 6290 | 1.303 | 4827 | 7740 | 1.60 | 142.3 | 320 | 2.25 J |

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 23, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9782 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Oil Well | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 9. API NUMBER: 43047541080000 |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | COUNTY: UINTAH |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | | |
| <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 1/11/2014 | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | |
| OTHER: <input style="width: 100px;" type="text"/> | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Drilling Contractor: Triple A Drilling LLC. Rig #: TA 4037 Rig Type: Soilmec SR/30 Spud Date: 1/11/14 Spud Time: 8:30 AM Commence Drilling approximate start date: 2/10/2014 </div> <div style="width: 35%; text-align: center;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 13, 2014 </div> </div> | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | | DATE 1/13/2014 |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| COUNTY: UINTAH | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/31/2014 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the January 2014 Drilling Activity for this well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 06, 2014

| | | |
|---|-------------------------------------|--|
| NAME (PLEASE PRINT) Christina Hirtler | PHONE NUMBER 303 312-8597 | TITLE Administrative Assistant |
| SIGNATURE N/A | DATE 2/5/2014 | |

**15-30D-2-2 FD 1/17/2014 18:00 - 1/18/2014 06:00**

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------|--------------------------------|
| 18:00 | 12.00 | 06:00 | 2 | DRILL ACTUAL | DRILL 12 1/4 HOLE WITH AIR RIG |

15-30D-2-2 FD 1/18/2014 06:00 - 1/19/2014 15:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|----------------------------------|
| 06:00 | 1.50 | 07:30 | 2 | DRILL ACTUAL | DRLG 12 1/4 SURFACE WITH AIR RIG |
| 07:30 | 0.50 | 08:00 | 5 | COND MUD & CIRC | CIRC |
| 08:00 | 1.75 | 09:45 | 6 | TRIPS | T.O.O.H. |
| 09:45 | 5.25 | 15:00 | 12 | RUN CASING & CEMENT | RUN 8 5/8 CSG |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| COUNTY: UINTAH | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> CASING REPAIR | |
| <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> CHANGE WELL NAME | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE | |
| <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/28/2014 | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> NEW CONSTRUCTION | |
| | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> PLUG BACK | |
| | <input type="checkbox"/> PRODUCTION START OR RESUME | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION | |
| | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL | <input type="checkbox"/> TEMPORARY ABANDON | |
| | <input type="checkbox"/> TUBING REPAIR | <input type="checkbox"/> VENT OR FLARE | <input type="checkbox"/> WATER DISPOSAL | |
| | <input type="checkbox"/> WATER SHUTOFF | <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> APD EXTENSION | |
| | <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> OTHER | OTHER: <input style="width: 100px;" type="text"/> | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached is the February 2014 Drilling Activity for this well.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 March 04, 2014

| | | |
|---|-------------------------------------|--------------------------------|
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 3/3/2014 | |

**FD 15-30D-2-2 2/1/2014 06:00 - 2/2/2014 06:00**

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 8.00 | 14:00 | 1 | RIGUP & TEARDOWN | MOVE RIG TO NEW LOCATION |
| 14:00 | 4.00 | 18:00 | 1 | RIGUP & TEARDOWN | RUN ALL POWER - HYDRAULICS - WATER - STEAM - MUD & AIR LINES |
| 18:00 | 3.00 | 21:00 | 14 | NIPPLE UP B.O.P | NIPPLE UP B.O.P. - HOOK-UP HYDRAULICS INSTALL FLOW LINE & TURNBUCKLES |
| 21:00 | 5.00 | 02:00 | 15 | TEST B.O.P | TEST LOWER KELLY VALVE, SAFETY VALVE, PIPE RAMS INSIDE VALVES, HCR, OUTSIDE KILL LINE VALVES, CHOKER LINE, CHECK VALVE, UPRIGHT GAGE VALVE, BLIND RAMS, AND INSIDE MANIFOLD VALVES ALL TO 5000PSI FOR 10 MIN. - TEST ANNULAR TO 1500PSI - SUPER CHOKER 500PSI 5MIN. - TEST CSG TO 1500PSI FOR 30MIN. TESTED WITH MIKE SHAY FOR B&C QUICK TEST. |
| 02:00 | 1.50 | 03:30 | 20 | DIRECTIONAL WORK | PICK UP DIRECTIONAL TOOLS & M/U |
| 03:30 | 0.50 | 04:00 | 21 | OPEN | INSTALL WEAR BUSHING |
| 04:00 | 1.00 | 05:00 | 6 | TRIPS | T.I.H. T/ 1120 - FILL PIPE & INSTALL ROT. HEAD |
| 05:00 | 1.00 | 06:00 | 21 | OPEN | DRILL FLOAT EQUIPMENT TAG FLOAT COLLAR @ 1185 & SHOE @ 1230 |

FD 15-30D-2-2 2/2/2014 06:00 - 2/3/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 2.50 | 08:30 | 21 | OPEN | DRILL CEMENT STRINGERS - TAG FLOAT COLLAR @ 1185' & SHOE @ 1230 |
| 08:30 | 7.50 | 16:00 | 2 | DRILL ACTUAL | DRILL F/1230 T/ 2763 - 12-18K WT ON BIT - 560-600GPM - 45-65RPM |
| 16:00 | 0.50 | 16:30 | 7 | LUBRICATE RIG | RIG SERVICE |
| 16:30 | 13.50 | 06:00 | 2 | DRILL ACTUAL | DRILL F/2763 T/ 4575 - 15-20K WT ON BIT - 560GPM - 45-65RPM |
| 06:00 | | 06:00 | | | DRILL F/4575 T/ 4820 - 15-20K WT ON BIT 18-20K - 560GPM - 45-65RPM |

FD 15-30D-2-2 2/3/2014 06:00 - 2/4/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|--|
| 06:00 | 4.50 | 10:30 | 2 | DRILL ACTUAL | DRILL F/4575 T/ 4820 - 15-20K WT ON BIT 18-20K - 560GPM - 45-65RPM |
| 10:30 | 1.00 | 11:30 | 5 | COND MUD & CIRC | CIRCULATE A B/U |

FD 15-30D-2-2 2/4/2014 06:00 - 2/5/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 11.00 | 17:00 | 2 | DRILL ACTUAL | DRILL F/ 5503 T/ 5797 |
| 17:00 | 0.50 | 17:30 | 7 | LUBRICATE RIG | RIG SERVICE |
| 17:30 | 0.50 | 18:00 | 5 | COND MUD & CIRC | PUMP SWEEP CIRCULATE SHAKERS CLEAN |
| 18:00 | 9.00 | 03:00 | 6 | TRIPS | T.O.O.H. F/ 5797 T/ 180 - BREAK BIT L/D M/M - FILL HOLE CONTINUOUSLY WITH TRIP TANK 36BBLs P/U NEW - TRIP IN TO SHOE |
| 03:00 | 2.00 | 05:00 | 9 | CUT OFF DRILL LINE | SLIP AND CUT 150' DRILL LINE |
| 05:00 | 1.00 | 06:00 | 6 | TRIPS | T.I.H. T/ 2000' |

FD 15-30D-2-2 2/5/2014 06:00 - 2/6/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------|--|
| 06:00 | 3.00 | 09:00 | 6 | TRIPS | T.I.H. FILL & BREAK CIRC AT 2000 & 4000' |
| 09:00 | 21.00 | 06:00 | 2 | DRILL ACTUAL | DRILL F/ 5798 T/ 6230 15-20K WT ON BIT - 500GPM - 100-150PSI DIFF - 50-60RPM - 7-10 TORQUE ON BOTTOM |

FD 15-30D-2-2 2/6/2014 06:00 - 2/7/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|--|
| 06:00 | 9.00 | 15:00 | 2 | DRILL ACTUAL | DRILL F/ 6230 T/ 6374 - 20K WT ON BIT - 460GPM - 100-150PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |
| 15:00 | 1.00 | 16:00 | 7 | LUBRICATE RIG | RIG SERVICE |
| 16:00 | 3.00 | 19:00 | 8 | REPAIR RIG | REPLACE CHAIN #2 MP |
| 19:00 | 11.00 | 06:00 | 2 | DRILL ACTUAL | DRILL F/ 6374 T/ 6612 - 20K WT ON BIT - 460GPM - 150-200PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |

FD 15-30D-2-2 2/7/2014 06:00 - 2/8/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 1.50 | 07:30 | 2 | DRILL ACTUAL | DRILL F/ 6612 T/ 6640 - 20K WT ON BIT - 460GPM - 150-200PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |
| 07:30 | 1.50 | 09:00 | 5 | COND MUD & CIRC | PUMP SWEEP & CIRCULATE SHAKERS CLEAN |
| 09:00 | 6.00 | 15:00 | 6 | TRIPS | T.O.O.H. F/ 6640 T/ 180 - FILL HOLE CONTINUOUSLY W/ TRIP TANK |
| 15:00 | 2.00 | 17:00 | 20 | DIRECTIONAL WORK | REPLACE BATTERIES IN TOOL & CHANGE M/M |
| 17:00 | 10.00 | 03:00 | 6 | TRIPS | T.I.H. WASH LAST 5JTS TO BOTTOM |
| 03:00 | 2.00 | 05:00 | 2 | DRILL ACTUAL | DRILL F/ 6640 T/ 6796 - 12K WT ON BIT - 460GPM - 150-200PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |
| 05:00 | 1.00 | 06:00 | 7 | LUBRICATE RIG | RIG SERVICE |

FD 15-30D-2-2 2/8/2014 06:00 - 2/9/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------|---|
| 06:00 | 11.50 | 17:30 | 2 | DRILL ACTUAL | DRILL F/ 6796 T/ 7210 - 15K WT ON BIT - 460GPM - 150-200PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |
| 17:30 | 0.50 | 18:00 | 7 | LUBRICATE RIG | RIG SERVICE |
| 18:00 | 12.00 | 06:00 | 2 | DRILL ACTUAL | DRILL F/ 7210 T/ 7596 - 20-22K WT ON BIT - 460GPM - 200-300PSI DIFF - 50-60RPM - 7-9 TORQUE ON BOTTOM |

FD 15-30D-2-2 2/9/2014 06:00 - 2/10/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|--|
| 06:00 | 11.00 | 17:00 | 2 | DRILL ACTUAL | DRILL F/ 7596 T/ 8122 - 20-22K WT ON BIT - 460GPM - 200-300PSI DIFF - 50-60RPM - 8-10 TORQUE ON BOTTOM |
| 17:00 | 0.50 | 17:30 | 7 | LUBRICATE RIG | RIG SERVICE |
| 17:30 | 0.50 | 18:00 | 20 | DIRECTIONAL WORK | POWER DOWN TOOL |
| 18:00 | 12.00 | 06:00 | 2 | DRILL ACTUAL | DRILL F/ 8122 T/ 8650 - 20-22K WT ON BIT - 460GPM - 200-300PSI DIFF - 50-60RPM - 8-10 TORQUE ON BOTTOM |

FD 15-30D-2-2 2/10/2014 06:00 - 2/11/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|--|
| 06:00 | 11.00 | 17:00 | 2 | DRILL ACTUAL | DRILL F/ 8650 T/ 8950 - 20-22K WT ON BIT - 460GPM - 100-200PSI DIFF - 50-60RPM - 8-10 TORQUE ON BOTTOM |
| 17:00 | 1.00 | 18:00 | 7 | LUBRICATE RIG | RIG SERVICE |
| 18:00 | 11.50 | 05:30 | 2 | DRILL ACTUAL | DRILL F/ 8950 T/ 9284- 20-22K WT ON BIT - 460GPM - 100-200PSI DIFF - 60-70RPM - 8-10 TORQUE ON BOTTOM |
| 05:30 | 0.50 | 06:00 | 5 | COND MUD & CIRC | PUMP HIGH VIS SWEEP - & CIRCULATE SHAKERS CLEAN |

FD 15-30D-2-2 2/11/2014 06:00 - 2/12/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|-----------------------------------|
| 06:00 | 1.00 | 07:00 | 5 | COND MUD & CIRC | PUMP HIGH VIS SWEEP TO CLEAN HOLE |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------|---|
| 07:00 | 0.50 | 07:30 | 6 | TRIPS | T.O.O.H. T/ 8900 |
| 07:30 | 2.50 | 10:00 | 5 | COND MUD & CIRC | GAINED 20BBLs PULLING 300' WELL WAS SWABBING ALSO - CIRCULATE GAS OUT - BRING M.W. UP T/ 9.7PPG - FLOW CHECK POSITIVE - SPOT PILL |
| 10:00 | 4.50 | 14:30 | 6 | TRIPS | T.O.O.H. F/ 8900 T/ 6900 - WELL KEPT SWABBING & NOT TAKING MUD - GO BACK TO BOTTOM F/ 6900' |
| 14:30 | 2.50 | 17:00 | 5 | COND MUD & CIRC | CIRCULATE GAS OUT 8600 UNITS MAX - CIRCULATE AND BUILD KILL PILL - SPOT PILL F/ 7400 T/ 5500 |
| 17:00 | 10.00 | 03:00 | 6 | TRIPS | FLOW CHECK NEGATIVE - T.O.O.H. F/ 9284 T/ DIRECTIONAL TOOLS |
| 03:00 | 0.50 | 03:30 | 20 | DIRECTIONAL WORK | L/D DIRECTIONAL TOOLS |
| 03:30 | 2.50 | 06:00 | 11 | WIRELINE LOGS | R/U & RUN LOGS |

FD 15-30D-2-2 2/12/2014 06:00 - 2/13/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 5.00 | 11:00 | 11 | WIRELINE LOGS | LOG WELL TO 7800' |
| 11:00 | 0.50 | 11:30 | 21 | OPEN | PULL WEAR BUSHING |
| 11:30 | 0.50 | 12:00 | 7 | LUBRICATE RIG | RIG SERVICE |
| 12:00 | 14.50 | 02:30 | 12 | RUN CASING & CEMENT | RUN 196 JTS. 9277' OF 5.5" 17# N80 LT&C W/2 MARKERS & 87 CENTRALIZERS |
| 02:30 | 2.00 | 04:30 | 5 | COND MUD & CIRC | CIRCULATE |
| 04:30 | 1.50 | 06:00 | 12 | RUN CASING & CEMENT | R/U HALLIBURTON, SAFETY MEETING, START CEMENTING |

FD 15-30D-2-2 2/13/2014 06:00 - 2/14/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|---------------------|---|
| 06:00 | 6.00 | 12:00 | 12 | RUN CASING & CEMENT | S/M - R/U CEMENT EQUIPMENT - TEST LINES 5000PSI - PUMP 5BBL H2O SPACER - 40BBLs TUNED SPACER III @ 10.5# 4.14 YD 27.78 WR - PUMPED 5 BBLs OF H2O BEHIND - PUMP 335.5BBLs 805SKS 11# 2.34Y & 10.1GAL/SX AND 194 BBLs MIX WATER LEAD CEMENT - PUMP 139.5BBLs 540SKS 13.5# 1.45Y & 6.85 GAL/SK AND 88 BBLs MIX WATER TAIL CEMENT AND ADDED TUFF FIBER THROUGH OUT ENTIRE TAIL - PUMPED 213 BBLs H2O WITH CLA-WEB 86 BBLs AWAY LOST RETURNS 94 AWAY CAUGHT PLUG 95 RETURNS CAME BACK, 115 LOST RETURNS AGAIN SLOWE RATE TO 1 BPM 151 RETURNS CAME BACK, 183 GONE LOST RETURNS NEVER GOT BACK FOR THE REMAINDER OF DISPLACEMENT - SLOW RATE TO 1 BPM FOR LAST 150 BBLs OF DISPLACEMENT - BUMPED THE PLUG AT 1825 PSI AND TOOK 500 OVER TO 2325 PSI AND SHUTDOWN PUMP WAITED 2 MIN - FLOATS HELD - GOT 2BBLs BACK TO TRUCK - S/M - R/D CEMENT EQUIPMENT |
| 12:00 | 4.00 | 16:00 | 14 | NIPPLE UP B.O.P | NIPPLE DOWN/CLEAN MUD PITS/RIG RELEASE @ 16:00 HRS. |

FD 15-30D-2-2 2/16/2014 06:00 - 2/17/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|---|
| 06:00 | 24.00 | 06:00 | GOP | General Operations | BATTERY UNDER CONSTRUCTION. CLEAN CELLAR. CHECK PRESSURE. ND 11" NIGHT CAP. FINAL CUT AND DRESS 5-1/2" CSG. NU 7" 5K TBG HEAD. TEST SEALS TO 4500 PSI. GOOD. NU 7" NIGHT CAP. |

FD 15-30D-2-2 2/18/2014 06:00 - 2/19/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|



| Time Log | | | | | |
|------------|----------|----------|------|----------|---|
| Start Time | Dur (hr) | End Time | Code | Category | Com |
| 06:00 | 24.00 | 06:00 | LOGG | Logging | <p>MIRU HES. HSM. ND NIGHT CAP. RUN RMT LOG. RUN RBL WITH 1000 PSI. RUN REPEAT 3060'-3255'. TAG 9103', 69' FILL (DRLG SHOWS FC AT 9172'. LOG SHOWS CMT -- TD-8610' GOOD, 8600'-8040' FAIR, 8040'-7970' POOR, 7970-7820' FAIR, 7820'-5650' GOOD, 5650'-3720' FAIR, 3720'-3100' RATTY, 3100'-2100' POOR. TOC AT 2100'. SJ AT 7808'-7832', 8487'-8510'. BLEED OFF PRESSURE. NU 7" NIGHT CAP. RDMO HES.</p> <p>FUEL REPORT CANARY DIESEL 7 GAL CANARY GAS 1 GAL</p> |

FD 15-30D-2-2 2/24/2014 06:00 - 2/25/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|-------------|-------------------------------|---|

| Time Log | | | | | |
|------------|----------|----------|------|--------------------|--|
| Start Time | Dur (hr) | End Time | Code | Category | Com |
| 06:00 | 24.00 | 06:00 | GOP | General Operations | <p>HSM. CHECK PRESSURE. ND 7" NIGHT CAP. NU 5" 10K X 7" 5K FRAC MANDREL, 5" 10K FRAC VALVES, AND 5" 10K FRAC HEAD. PLUMB IN FB EQUIP. PRES TEST CSG AND VALVES TO 6200 PSI. PRES TEST FB EQUIP. ALL GOOD. WELL SECURE.</p> <p>FUEL REPORT CANARY DIESEL 1 GAL CANARY GAS 3 GAL LAFOLLET TRUCKING DIESEL 10 GAL</p> |

| | | |
|--|---|--|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Oil Well | 8. WELL NAME and NUMBER: FD 15-30D-2-2 | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | 9. API NUMBER: 43047541080000 | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | PHONE NUMBER: 303 312-8134 Ext | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | COUNTY: UINTAH | |
| | | STATE: UTAH |

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|--|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION | OTHER: <input style="width: 100px;" type="text"/> |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/5/2014 | | | | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well had first gas sales on 3/5/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 05, 2014

| | | |
|------------------------------------|------------------------------|-------------------------|
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | | DATE 3/5/2014 |

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| COUNTY: UINTAH | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION | OTHER: <input style="width: 100px;" type="text"/> |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/4/2014 | <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input checked="" type="checkbox"/> PRODUCTION START OR RESUME | | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | | | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well had first production on 3/4/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 05, 2014

| | | |
|---|-------------------------------------|--------------------------------|
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 3/5/2014 | |

| | | |
|---|---|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | | 7. UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Oil Well | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 9. API NUMBER: 43047541080000 |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 9. FIELD and POOL or WILDCAT: UNDESIGNATED |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | COUNTY: UINTAH |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 3/31/2014 | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div> | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is the March 2014 Drilling Activity for this well. | | |
| Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 03, 2014 | | |
| NAME (PLEASE PRINT) Christina Hirtler | | PHONE NUMBER 303 312-8597 |
| SIGNATURE N/A | | TITLE Administrative Assistant |
| | | DATE 4/3/2014 |

**FD 15-30D-2-2 3/1/2014 06:00 - 3/2/2014 06:00**

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|----------------|---|
| 06:00 | 1.00 | 07:00 | SMTG | Safety Meeting | PRIME UP PUMPS AND CHEMS. QC FLUIDS. HSM- RED ZONE, PPE, SMOKING AREA, WIRELINE, HIGH PRESSURE. |
| 07:00 | 3.00 | 10:00 | FRAC | Frac. Job | FRAC STG 1 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 0 PSI AT 07:16 BREAK DOWN 3326 PSI AT 9.4 BPM. PMP 3900 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.1 BPM AT 2534 PSI. FLUSH W/ 8582 GAL. 29.6 BPM AT 3281 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 48.0 BPM AT 5503 PSI. ISDP 2528. FG .72. PERFS OPEN 13/45 SLOW GETTING CHEMS GOING. STG TO MESH. NOT GETTING CL31. EXTEND TO .75 20/40 AS WORK ON CHEM. FLUSH AND SHUT DOWN. BAD CHECK, ALSO TUB IS CROSSED. FLUSH TUB, SWAP LA AND CHEMS. ISIP 3652, FG .84, MAX RATE 71.2 BPM, AVE RATE 70.4 BPM, MAX PRES 5664 PSI, AVE PRES 4836 PSI 100 MESH 8000 lbs. .75 ppg 20/40 WHITE 150,000 lbs 1.0, 2.0, 3.0, 4.0 ppg EXTENDED 4#. SLK WTR 1244 BBL, 20# HYBOR G (16) 2746 BBL, BTR 4083 BBLS SHUT IN AND TURN OVER TO CASED HOLE. |
| 10:00 | 1.50 | 11:30 | PFRT | Perforating | PERF STG #2- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 2 INTO LUBE AND EQUALIZE 2850 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 8487'-8510'. RUN DOWN AND SET 5-1/2" CBP AT 8781' WITH 2600 PSI. PULL UP AND PERF BLACK SHALE AND CASTLE PEAK 8483'-8761' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 2450 PSI. TURN WELL OVER TO HES. |
| 11:30 | 1.17 | 12:40 | FRAC | Frac. Job | FRAC STG 2 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 2428 PSI AT 11:31 BREAK DOWN 3000 PSI AT 10.4 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.2 BPM AT 2774 PSI. FLUSH W/ 8283 GAL. 34.6 BPM AT 3540 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 70.3 BPM AT 4289 PSI. ISDP 2728. FG .75. PERFS OPEN 32/45 ISIP 3477, FG .84, MAX RATE 74.4 BPM, AVE RATE 73.8 BPM, MAX PRES 4602 PSI, AVE PRES 4257 PSI 100 MESH 8200 lbs. .75 ppg 20/40 WHITE 153,000 lbs 2.0, 3.0, 4.0, 5.0 ppg SLK WTR 990 BBL, 20# HYBOR G (16) 1581 BBL, BTR 2664 BBLS SHUT IN AND TURN OVER TO CASED HOLE. |
| 12:40 | 1.17 | 13:50 | PFRT | Perforating | PERF STG #3- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 3 INTO LUBE AND EQUALIZE 2800 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7809'-7832'. RUN DOWN AND SET 5-1/2" CBP AT 8444' WITH 2600 PSI. PULL UP AND PERF DOUGLAS CREEK 8148'-8417' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 2400 PSI. TURN WELL OVER TO HES. |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 13:50 | 1.16 | 15:00 | FRAC | Frac. Job | <p>FRAC STG 3 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 1887 PSI AT 13:57 BREAK DOWN 2687 PSI AT 5.8 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.1 BPM AT 2589 PSI. FLUSH W/ 7956 GAL. 35.4 BPM AT 3234 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 65.0 BPM AT 4493 PSI. ISDP 2897. FG .79. PERFS OPEN 28/45</p> <p>ISIP 3246, FG .83, MAX RATE 75.1 BPM, AVE RATE 72.6 BPM, MAX PRES 4790 PSI, AVE PRES 4196 PSI 100 MESH 8300 lbs. .75 ppg 20/40 WHITE 150,600 lbs 2.0, 3.0, 4.0, 5.0 ppg SLK WTR 1347 BBL, 20# HYBOR G (16) 1287 BBL, BTR 2441 BBLS</p> <p>SHUT IN AND TURN OVER TO CASEDHOLE.</p> |
| 15:00 | 1.50 | 16:30 | PFRT | Perforating | <p>PERF STG #4- PU EXELIS 5-1/2" 10K CBP AND GUNS FOR STAGE 4 INTO LUBE AND EQUALIZE 2600 PSI. OPEN WELL AND RIH. CORRELATE TO SJ AT 7809'-7832'. RUN DOWN AND SET 5-1/2" CBP AT 8121' WITH 2600 PSI. PULL UP AND PERF TGR3 AND DOUGLAS CREEK 7806'-8101' WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT IN WITH 1500 PSI. TURN WELL OVER TO HES.</p> |
| 16:30 | 1.17 | 17:40 | FRAC | Frac. Job | <p>FRAC STG 4 PRESSURE TEST LINES TO 7300 PSI. OPEN WELL W/ 629 PSI AT 16:29 BREAK DOWN 2224 PSI AT 5.1 BPM. PMP 3400 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 10.6 BPM AT 1434 PSI. FLUSH W/ 7622 GAL. 34.8 BPM AT 2569 PSI. BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 5 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 56.0 BPM AT 4802 PSI. ISDP 2328. FG .73. PERFS OPEN 17/45</p> <p>ISIP 2046, FG .70, MAX RATE 74.0 BPM, AVE RATE 71.0 BPM, MAX PRES 5341 PSI, AVE PRES 3734 PSI 100 MESH 8500 lbs. .75 ppg 20/40 WHITE 146,780 lbs 2.0, 3.0, 4.0, 5.0 ppg SLK WTR 950 BBL, 20# HYBOR G (16) 1620 BBL, BTR 2664 BBLS</p> <p>SHUT IN AND TURN OVER TO CASEDHOLE.</p> |
| 17:40 | 0.83 | 18:30 | WLWK | Wireline | <p>KILL PLUG- PU 5-1/2" EXELIS PLUG AND SETTING TOOLS INTO LUBE. EQUALIZE 1700 PSI. RIH AND CORRELATE TO CSG JTS (NO SHORT JT NOW). SET KILL PLUG AT 7720' WITH PSI. BLEED OFF AS POOH.</p> |
| 18:30 | 11.00 | 05:30 | LOCL | Lock Wellhead & Secure | <p>WELL SECURE. RDMO HES AND CASEDHOLE. STACK WTR.</p> <p>FUEL REPORT HES DIESEL 2836 GAL CF WINN DIESEL 10 GAL CASEDHOLE DIESEL 75 GAL DELSCO DIESEL 15 GAL</p> |

FD 15-30D-2-2 3/2/2014 06:00 - 3/3/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|--------------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HSM. |
| 07:00 | 1.00 | 08:00 | RMOV | Rig Move | ROAD RIG TO LOCATION. |
| 08:00 | 1.00 | 09:00 | SRIG | Rig Up/Down | RUSU. SPOT EQUIP. |
| 09:00 | 2.00 | 11:00 | BOPI | Install BOP's | CHECK PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR. LAY PMP LINES. |
| 11:00 | 2.50 | 13:30 | GOP | General Operations | SPOT CATWALK AND PIPE RACKS. (TBG SENT TO WRONG LOCATION, WAIT ON TBG TO ARRIVE). UNLOAD 293-JTS 2-7/8" L-80 6.5# TBG. |
| 13:30 | 3.00 | 16:30 | RUTB | Run Tubing | MU 4-3/4" BIT, POBS, 1-JT TBG, 2.31 XN NIPPLE. RIH AS MEAS AND PU TBG TO TAG KILL PLUG AT 7720'. |
| 16:30 | 1.50 | 18:00 | SRIG | Rig Up/Down | RU PWR SWIVEL. FILL TBG. PRES TEST HYDRIL TO 2500 PSI, TEST PIPE RAMS TO 2500 PSI. GOOD. DRAIN UP. SDFN |

**Time Log**

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 18:00 | 12.00 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SECURE FOR NIGHT. FUEL REPORT STONE DIESEL 100 GAL MBT DIESEL 25 GAL DELSCO 15 GAL CROZIER DIESEL 60 GAL |

FD 15-30D-2-2 3/3/2014 06:00 - 3/4/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|-----------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HSM |
| 07:00 | 5.00 | 12:00 | DOPG | Drill Out Plugs | EST CIRC AND D/O PLUGS. HOLD 1200 PSI WITH CHOKE. CBP #1 AT 7720'. C/O 0' SAND. D/O IN 5 MIN. FCP 800 PSI. CBP #2 AT 8121'. C/O 15' SAND. D/O IN 30 MIN. FCP 1300 PSI. CBP #3 AT 8444'. C/O 20' SAND. D/O IN 12 MIN. FCP 1500 PSI. CBP #4 AT 8781'. C/O 15' SAND. D/O IN 12 MIN. FCP 1500 PSI. C/O 71' SAND TO FC AT 9172'. D/O FC AND 20' CMT TO PBTD AT 9192' WITH 288-JTS IN (132' RATHOLE) CIRC CLEAN. |
| 12:00 | 2.00 | 14:00 | PULT | Pull Tubing | RD PWR SWIVEL. POOH AS LD 46-JTSTBG. PU HANGER. LUBE IN AND LAND HANGER. KB 15.00 HANGER .80 241-JTS TBG 7660.50 2.31 XN NIPPLE 1.31 1-JT 2-7/8" 31.80 POBS .75 EOT AT 7710.16 |
| 14:00 | 1.00 | 15:00 | BOPR | Remove BOP's | RD FLOOR. ND BOP. NU WH. PLUMB IN WH. POBS AT PSI. |
| 15:00 | 2.50 | 17:30 | SRIG | Rig Up/Down | HOOK UP TO WH. PUMP OFF BIT SUB AT 4000 PSI. RDSU. RACK OUT EQUIP. TURN OVER TO FBC AND PRODUCTION. |
| 17:30 | 12.50 | 06:00 | FBCK | Flowback Well | CREW TRAVEL. WELL TURNED OVER TO FBC AND PRODUCTION. FUEL REPORT STONE DIESEL 100 GAL CROZIER DIESEL 70 GAL DELSCO DIESEL 15 GAL |

FD 15-30D-2-2 3/10/2014 06:00 - 3/11/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HSM |
| 07:00 | 0.50 | 07:30 | RMOV | Rig Move | ROAD RIG TO LOCATION. |
| 07:30 | 1.50 | 09:00 | SRIG | Rig Up/Down | SPOT AND RUSU. HOT OILER PUMP 300 BBLS DOWN TBG |
| 09:00 | 1.00 | 10:00 | BOPI | Install BOP's | ND WH. NU BOP. RU FLOOR AND TBG EQUIP |
| 10:00 | 1.00 | 11:00 | RUTB | Run Tubing | PU 47-JTS TO TAG FILL AT 9177'. (15' FILL, PBTD 9192'). POOH AS LD 17-JTS TBG |
| 11:00 | 7.00 | 18:00 | TRIP | Tripping | POOH W/ 271-JTS TBG. LD XN, POBS, MU AND RIH W/ BP, 8-JTS 2-7/8" TBG, DESANDER, 4' TBG SUB, PSN, 3-JTS 2-7/8" TBG, TAC, 31-JTS 2-7/8" L-80. RIG BROKE DOWN. (HAD 2-MECHANICS ON LOCATION, WILL HAVE PARTS IN AM.) SDFN |
| 18:00 | 12.00 | 06:00 | LOCL | Lock Wellhead & Secure | CREW TRAVEL. WELL SECURE. FUEL REPORT NABORS DIESEL 75 GAL. D&M DIESEL 40 GAL D&M PROPANE 70 GAL |

**FD 15-30D-2-2 3/12/2014 06:00 - 3/13/2014 06:00**

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|---|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. |
| 07:00 | 1.50 | 08:30 | RUTB | Run Tubing | OPEN WELL, SLIGHT FLOW. CIRC OIL OFF WELL. STRIP ON DRILLING RUBBER. FINISH RIH W/ TAC & BHA F/ 1400'. LAND TBG ON HANGER. |
| 08:30 | 4.00 | 12:30 | GOP | General Operations | N/D BOP. KILL WELL W/ 225 BBLS. R/D RIG WHILE KILLING WELL DUE TO RIG HAVING MECHANICAL PROBLEMS & R/U NEW RIG. SET TAC @ 7728', S/N @ 7825' & EOT @ 8104'. R/U WELLHEAD. R/U ROD EQUIPMENT. FLUSH TBG W/ 50 BBLS MIX W/CHEM. 242 JTS 2-7/8 TBG. 5-1/2 TAC 1/4 TURN. 20K TENSION 3 JT 2-7/8 TBG. S/N. 4' PUP. DESANDER. 8 JTS 2-7/8 TBG. BULL PLUG. |
| 12:30 | 4.00 | 16:30 | RURP | Run Rods & Pump | P/U ROD PUMP & PRIME. RIH W/ ROD PUMP P/U NEW RODS. SPACE OUT & SEAT PUMP. FILL TBG & STROKE TEST PUMP TO 800 PSI, HELD. HANG OFF RODS. SDFN. 1-1/2 x 40' POLISH ROD. PONY. 2',2',6',8'. 105- 1" RODS. 4 PER D 124- 7/8" RODS. 4 PER D 39- 3/4" RODS. 4 PER D 40- 1" RODS. 4 PER D SHEAR SUB. PUMP 25-2.0-RHBC-36-5-36'. |
| 16:30 | 13.50 | 06:00 | LOCL | Lock Wellhead & Secure | WELL SECURE. CREW TRAVEL. FUEL REPORT NABORS DIESEL 75 GAL. D&M DIESEL 40 GAL D&M PROPANE 70 GAL |

FD 15-30D-2-2 3/13/2014 06:00 - 3/14/2014 06:00

| | | | | | | |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|
| API 43-047-54108 | State/Province Utah | County Uintah | Field Name Fort Duchesne | Well Status PRODUCING | Total Depth (ftKB) 1,245.0 | Primary Job Type Drilling & Completion |
|---------------------|------------------------|------------------|-----------------------------|--------------------------|-------------------------------|---|

Time Log

| Start Time | Dur (hr) | End Time | Code | Category | Com |
|------------|----------|----------|------|------------------------|--|
| 06:00 | 1.00 | 07:00 | CTRL | Crew Travel | CREW TRAVEL. HOLD SAFETY MEETING. |
| 07:00 | 4.50 | 11:30 | SRIG | Rig Up/Down | R/D RIG & EQUIPMENT. SLIDE IN UNIT. PWOP. ROAD RIG TO 5-5D-35 BTR. |
| 11:30 | 18.50 | 06:00 | LOCL | Lock Wellhead & Secure | WELL SECURE. FUEL REPORT NABORS DIESEL 25 GAL |

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 15-30D-2-29. API NUMBER:
430475410810 FIELD AND POOL, OR WILDCAT
Undesignated11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
SWSE 30 2S 2E U12. COUNTY
Utah13. STATE
UTAH1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHERb. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER2. NAME OF OPERATOR:
Bill Barrett Corporation3. ADDRESS OF OPERATOR:
1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202PHONE NUMBER:
(303) 293-9100

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 535 FSL 1980 FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 807 FSL 1977 FEL

AT TOTAL DEPTH: 773 FSL 1956 FEL

14. DATE SPUDDED:
1/11/201415. DATE T.D. REACHED:
2/11/201416. DATE COMPLETED:
3/4/2014ABANDONED ☐READY TO PRODUCE ☒17. ELEVATIONS (DF, RKB, RT, GL):
5009 GL18. TOTAL DEPTH: MD 9,284
TVD 9,27719. PLUG BACK T.D.: MD 9,158
TVD 9,151

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

TRIPLE COMBO/MUD

23.

WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)WAS DST RUN? NO ☒ YES ☐ (Submit report)DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

| HOLE SIZE | SIZE/GRADE | WEIGHT (#/ft.) | TOP (MD) | BOTTOM (MD) | STAGE CEMENTER DEPTH | CEMENT TYPE & NO. OF SACKS | | SLURRY VOLUME (BBL) | CEMENT TOP ** | AMOUNT PULLED |
|-----------|------------|----------------|----------|-------------|----------------------|----------------------------|-----|---------------------|---------------|---------------|
| 26 | 16 Cond | 65# | 0 | 80 | 80 | | | | 0 | |
| 12 1/4 | 8 5/8 J-55 | 24# | 0 | 1,245 | 1,232 | Prem | 780 | 160 | 0 | |
| 7 7/8 | 5 1/2 I-80 | 17# | 0 | 9,284 | 9,278 | Tuned | 805 | 336 | 2414 | |
| | | | | | | ECON | 540 | 140 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

25. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|-------|----------------|-----------------|------|----------------|-----------------|------|----------------|-----------------|
| 2 7/8 | 8,104 | | | | | | | |

26. PRODUCING INTERVALS

| FORMATION NAME | TOP (MD) | BOTTOM (MD) | TOP (TVD) | BOTTOM (TVD) |
|-----------------|----------|-------------|-----------|--------------|
| (A) Green River | 7,806 | 9,050 | | |
| (B) | | | | |
| (C) | | | | |
| (D) | | | | |

27. PERFORATION RECORD

| INTERVAL (Top/Bot - MD) | SIZE | NO. HOLES | PERFORATION STATUS | |
|-------------------------|------|-----------|--|-----------------------------------|
| 7,806 9,050 | .38 | 180 | Open <input checked="" type="checkbox"/> | Squeezed <input type="checkbox"/> |
| | | | Open <input type="checkbox"/> | Squeezed <input type="checkbox"/> |
| | | | Open <input type="checkbox"/> | Squeezed <input type="checkbox"/> |
| | | | Open <input type="checkbox"/> | Squeezed <input type="checkbox"/> |

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND TYPE OF MATERIAL |
|----------------|-------------------------------------|
| 7806-9050 | Green River: See attached Stage 1-4 |
| | |
| | |

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

| | | | | | | | | | | |
|---|---------------------------|-------------------------------|-----------------------------|----------------------------|-----------------------------|------------------------------|--------------------------|--------------------------|----------------------------|---------------------------------|
| DATE FIRST PRODUCED: 3/4/2014 | | TEST DATE: 3/5/2014 | | HOURS TESTED: 24 | | TEST PRODUCTION RATES: → | OIL – BBL: 271 | GAS – MCF: 113 | WATER – BBL: 650 | PROD. METHOD: Flowing |
| CHOKE SIZE: 30/64 | TBG. PRESS. 150 | CSG. PRESS. 450 | API GRAVITY 52.00 | BTU – GAS 1 | GAS/OIL RATIO 417 | 24 HR PRODUCTION RATES: → | OIL – BBL: 271 | GAS – MCF: 113 | WATER – BBL: 650 | INTERVAL STATUS: |

INTERVAL B (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|------------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

INTERVAL C (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|------------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

INTERVAL D (As shown in item #26)

| | | | | | | | | | | |
|----------------------|-------------|-------------|-------------|---------------|---------------|------------------------------|------------|------------|--------------|------------------|
| DATE FIRST PRODUCED: | | TEST DATE: | | HOURS TESTED: | | TEST PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | PROD. METHOD: |
| CHOKE SIZE: | TBG. PRESS. | CSG. PRESS. | API GRAVITY | BTU – GAS | GAS/OIL RATIO | 24 HR PRODUCTION RATES: → | OIL – BBL: | GAS – MCF: | WATER – BBL: | INTERVAL STATUS: |

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**Sold****33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

| Formation | Top (MD) | Bottom (MD) | Descriptions, Contents, etc. | Name | Top (Measured Depth) |
|-----------|-------------|----------------|------------------------------|--------------------|-------------------------|
| | | | | Green River | 5,525 |
| | | | | Mahogany | 6,667 |
| | | | | TGR3 | 7,802 |
| | | | | Douglas Creek | 7,966 |
| | | | | Black Shale Facies | 8,482 |
| | | | | Castle Peak | 8,570 |
| | | | | Uteland Butte | 8,769 |
| | | | | Wasatch | 9,232 |
| | | | | TD | 9,284 |

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First gas sales 3/5/2014; first oil sales 3/7/2014.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christina HirtlerTITLE Permit Analyst

SIGNATURE _____

DATE 3/31/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

FD 15-30D-2-2 Report Continued*

| 44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.) | | | | |
|--|---------------------------|--|---------------------------------------|--------------------------------|
| AMOUNT AND TYPE OF MATERIAL | | | | |
| <u><i>Stage</i></u> | <u><i>bbls Slurry</i></u> | <u><i>lbs Common White 100 Mesh Sand</i></u> | <u><i>lbs 20/40 Premium White</i></u> | <u><i>gal 15% HCl Acid</i></u> |
| 1 | 4083 | 8000 | 150100 | 3984 |
| 2 | 2664 | 8200 | 153100 | 3848 |
| 3 | 2631 | 8300 | 150600 | 3406 |
| 4 | 2664 | 8500 | 146780 | 3782 |

*Depth intervals for frac information same as perforation record intervals.



Payzone Directional

End of Well Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | Bill Barrett Corporation | Local Co-ordinate Reference: | Well FD 15-30D-2-2 |
| Project: | Duchesne County, UT | TVD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Site: | SECTION 30 T2S, R2E | MD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Well: | FD 15-30D-2-2 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Actual | Database: | EDM 5000.1 Single User Db |

| | | | |
|-------------|---------------------------|---------------------|----------------|
| Project | | Duchesne County, UT | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Utah Southern Zone | | |

| | | | | | | | | | | | |
|-----------------------|--|---------------------|--|--------------------|--|-------------------|--|-------------------|--|-------------------|--|
| Site | | SECTION 30 T2S, R2E | | | | | | | | | |
| Site Position: | | Northing: | | 11,162,715.62 usft | | Latitude: | | 40° 16' 45.890 N | | | |
| From: | | Lat/Long | | Easting: | | 2,110,805.30 usft | | Longitude: | | 109° 48' 56.030 W | |
| Position Uncertainty: | | 0.0 usft | | Slot Radius: | | 13-3/16 " | | Grid Convergence: | | 1.03 ° | |

| | | | | | | |
|----------------------|---|----------|---------------------|--------------------|---------------|-------------------|
| Well | FD 15-30D-2-2, SHL LAT: 40.274503 LONG: -109.809981 | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 11,160,953.30 usft | Latitude: | 40° 16' 28.211 N |
| | +E/-W | 0.0 usft | Easting: | 2,112,396.57 usft | Longitude: | 109° 48' 35.932 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 5,023.0 usft | Ground Level: | 5,010.0 usft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 1/24/2014 | 10.91 | 65.97 | 52,175 |

| | | | | |
|-------------------|----------------------------|-----------------|-----------------|-------------------|
| Design | Actual | | | |
| Audit Notes: | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 5.81 |

| Survey Program | | Date | 2/13/2014 | | |
|----------------|--------------|-------------------------|-----------|-----------------------------|--|
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 1,278.0 | 9,284.0 | Survey #1 (Wellbore #1) | MWD | MWD v3:standard declination | |



Payzone Directional

End of Well Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | Bill Barrett Corporation | Local Co-ordinate Reference: | Well FD 15-30D-2-2 |
| Project: | Duchesne County, UT | TVD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Site: | SECTION 30 T2S, R2E | MD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Well: | FD 15-30D-2-2 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Actual | Database: | EDM 5000.1 Single User Db |

| Survey | | | | | | | | | | |
|--------------|------------|----------------------|---------------|------------------|---------------|---------------|---------------------|----------------------|---------------------|--|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | V. Sec (usft) | N/S (usft) | E/W (usft) | DLeg (°/100usft) | Build (°/100usft) | Turn (°/100usft) | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 1,278.0 | 0.50 | 156.20 | 1,278.0 | -4.8 | -5.1 | 2.3 | 0.04 | 0.04 | 0.00 | |
| 1,363.0 | 1.00 | 20.50 | 1,363.0 | -4.5 | -4.7 | 2.7 | 1.65 | 0.59 | -159.65 | |
| 1,447.0 | 2.40 | 5.60 | 1,446.9 | -2.0 | -2.3 | 3.1 | 1.73 | 1.67 | -17.74 | |
| 1,531.0 | 2.80 | 4.90 | 1,530.9 | 1.8 | 1.5 | 3.4 | 0.48 | 0.48 | -0.83 | |
| 1,616.0 | 2.60 | 4.90 | 1,615.8 | 5.8 | 5.5 | 3.8 | 0.24 | -0.24 | 0.00 | |
| 1,700.0 | 2.90 | 353.90 | 1,699.7 | 9.8 | 9.5 | 3.7 | 0.72 | 0.36 | -13.10 | |
| 1,784.0 | 2.80 | 354.00 | 1,783.6 | 13.9 | 13.6 | 3.3 | 0.12 | -0.12 | 0.12 | |
| 1,869.0 | 2.70 | 353.60 | 1,868.5 | 17.9 | 17.7 | 2.8 | 0.12 | -0.12 | -0.47 | |
| 1,953.0 | 2.90 | 359.00 | 1,952.4 | 21.9 | 21.8 | 2.6 | 0.39 | 0.24 | 6.43 | |
| 2,037.0 | 2.70 | 359.80 | 2,036.3 | 26.0 | 25.9 | 2.5 | 0.24 | -0.24 | 0.95 | |
| 2,122.0 | 2.80 | 2.70 | 2,121.2 | 30.1 | 30.0 | 2.6 | 0.20 | 0.12 | 3.41 | |
| 2,206.0 | 3.20 | 1.50 | 2,205.0 | 34.5 | 34.4 | 2.8 | 0.48 | 0.48 | -1.43 | |
| 2,290.0 | 3.40 | 0.80 | 2,288.9 | 39.3 | 39.2 | 2.9 | 0.24 | 0.24 | -0.83 | |
| 2,375.0 | 3.20 | 356.00 | 2,373.8 | 44.1 | 44.1 | 2.7 | 0.40 | -0.24 | -5.65 | |
| 2,459.0 | 3.10 | 357.20 | 2,457.6 | 48.7 | 48.7 | 2.5 | 0.14 | -0.12 | 1.43 | |
| 2,543.0 | 3.30 | 351.50 | 2,541.5 | 53.3 | 53.3 | 2.0 | 0.45 | 0.24 | -6.79 | |
| 2,628.0 | 3.10 | 349.80 | 2,626.4 | 57.9 | 58.0 | 1.2 | 0.26 | -0.24 | -2.00 | |
| 2,712.0 | 2.90 | 356.60 | 2,710.3 | 62.1 | 62.4 | 0.7 | 0.49 | -0.24 | 8.10 | |
| 2,796.0 | 3.00 | 2.00 | 2,794.2 | 66.4 | 66.7 | 0.7 | 0.35 | 0.12 | 6.43 | |
| 2,881.0 | 2.61 | 0.81 | 2,879.1 | 70.6 | 70.9 | 0.8 | 0.46 | -0.46 | -1.40 | |
| 2,965.0 | 2.52 | 358.43 | 2,963.0 | 74.3 | 74.6 | 0.7 | 0.17 | -0.11 | -2.83 | |
| 3,049.0 | 3.09 | 3.23 | 3,046.9 | 78.4 | 78.7 | 0.8 | 0.73 | 0.68 | 5.71 | |
| 3,133.0 | 2.61 | 359.62 | 3,130.8 | 82.6 | 82.9 | 0.9 | 0.61 | -0.57 | -4.30 | |
| 3,218.0 | 2.39 | 359.39 | 3,215.7 | 86.2 | 86.6 | 0.9 | 0.26 | -0.26 | -0.27 | |
| 3,302.0 | 1.99 | 354.09 | 3,299.6 | 89.4 | 89.8 | 0.7 | 0.53 | -0.48 | -6.31 | |
| 3,386.0 | 1.68 | 353.80 | 3,383.6 | 92.1 | 92.5 | 0.4 | 0.37 | -0.37 | -0.35 | |



Payzone Directional

End of Well Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | Bill Barrett Corporation | Local Co-ordinate Reference: | Well FD 15-30D-2-2 |
| Project: | Duchesne County, UT | TVD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Site: | SECTION 30 T2S, R2E | MD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Well: | FD 15-30D-2-2 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Actual | Database: | EDM 5000.1 Single User Db |

| Survey | | | | | | | | | | |
|--------------|------------|----------------------|---------------|------------------|---------------|---------------|---------------------|----------------------|---------------------|--|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | V. Sec (usft) | N/S (usft) | E/W (usft) | DLeg (°/100usft) | Build (°/100usft) | Turn (°/100usft) | |
| 3,471.0 | 1.90 | 1.20 | 3,468.5 | 94.7 | 95.1 | 0.3 | 0.37 | 0.26 | 8.71 | |
| 3,555.0 | 2.12 | 355.61 | 3,552.5 | 97.6 | 98.1 | 0.3 | 0.35 | 0.26 | -6.65 | |
| 3,639.0 | 2.21 | 350.89 | 3,636.4 | 100.7 | 101.2 | -0.1 | 0.24 | 0.11 | -5.62 | |
| 3,724.0 | 3.09 | 4.51 | 3,721.3 | 104.6 | 105.1 | -0.2 | 1.27 | 1.04 | 16.02 | |
| 3,808.0 | 3.49 | 15.10 | 3,805.2 | 109.3 | 109.8 | 0.6 | 0.86 | 0.48 | 12.61 | |
| 3,892.0 | 4.02 | 14.92 | 3,889.0 | 114.8 | 115.2 | 2.1 | 0.63 | 0.63 | -0.21 | |
| 3,976.0 | 3.58 | 15.10 | 3,972.8 | 120.3 | 120.5 | 3.5 | 0.52 | -0.52 | 0.21 | |
| 4,061.0 | 3.40 | 13.91 | 4,057.7 | 125.4 | 125.5 | 4.8 | 0.23 | -0.21 | -1.40 | |
| 4,145.0 | 3.49 | 12.80 | 4,141.5 | 130.4 | 130.5 | 6.0 | 0.13 | 0.11 | -1.32 | |
| 4,229.0 | 3.00 | 13.29 | 4,225.4 | 135.1 | 135.1 | 7.0 | 0.58 | -0.58 | 0.58 | |
| 4,314.0 | 3.71 | 2.13 | 4,310.2 | 140.1 | 140.0 | 7.7 | 1.13 | 0.84 | -13.13 | |
| 4,398.0 | 3.09 | 0.89 | 4,394.1 | 145.0 | 145.0 | 7.8 | 0.74 | -0.74 | -1.48 | |
| 4,482.0 | 2.92 | 359.80 | 4,478.0 | 149.4 | 149.4 | 7.8 | 0.21 | -0.20 | -1.30 | |
| 4,566.0 | 2.52 | 357.50 | 4,561.9 | 153.4 | 153.4 | 7.7 | 0.49 | -0.48 | -2.74 | |
| 4,651.0 | 2.78 | 349.39 | 4,646.8 | 157.2 | 157.3 | 7.3 | 0.54 | 0.31 | -9.54 | |
| 4,735.0 | 2.61 | 348.42 | 4,730.7 | 161.0 | 161.1 | 6.5 | 0.21 | -0.20 | -1.15 | |
| 4,819.0 | 3.00 | 356.79 | 4,814.6 | 165.0 | 165.2 | 6.0 | 0.67 | 0.46 | 9.96 | |
| 4,904.0 | 2.70 | 358.90 | 4,899.5 | 169.1 | 169.4 | 5.8 | 0.37 | -0.35 | 2.48 | |
| 4,988.0 | 2.40 | 354.90 | 4,983.4 | 172.8 | 173.2 | 5.6 | 0.42 | -0.36 | -4.76 | |
| 5,072.0 | 2.21 | 348.03 | 5,067.3 | 176.1 | 176.5 | 5.2 | 0.40 | -0.23 | -8.18 | |
| 5,156.0 | 2.30 | 352.83 | 5,151.3 | 179.3 | 179.8 | 4.6 | 0.25 | 0.11 | 5.71 | |
| 5,241.0 | 2.39 | 346.70 | 5,236.2 | 182.6 | 183.2 | 4.0 | 0.31 | 0.11 | -7.21 | |
| 5,283.0 | 2.92 | 357.59 | 5,278.2 | 184.5 | 185.1 | 3.7 | 1.74 | 1.26 | 25.93 | |
| 5,325.0 | 2.61 | 356.93 | 5,320.1 | 186.5 | 187.1 | 3.6 | 0.74 | -0.74 | -1.57 | |
| 5,409.0 | 1.90 | 347.90 | 5,404.0 | 189.7 | 190.4 | 3.3 | 0.94 | -0.85 | -10.75 | |
| 5,494.0 | 2.30 | 0.50 | 5,489.0 | 192.8 | 193.5 | 3.0 | 0.72 | 0.47 | 14.82 | |
| 5,578.0 | 2.70 | 352.60 | 5,572.9 | 196.4 | 197.1 | 2.7 | 0.63 | 0.48 | -9.40 | |



Payzone Directional

End of Well Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | Bill Barrett Corporation | Local Co-ordinate Reference: | Well FD 15-30D-2-2 |
| Project: | Duchesne County, UT | TVD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Site: | SECTION 30 T2S, R2E | MD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Well: | FD 15-30D-2-2 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Actual | Database: | EDM 5000.1 Single User Db |

| Survey | | | | | | | | | | |
|--------------|------------|----------------------|---------------|------------------|---------------|---------------|---------------------|----------------------|---------------------|--|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | V. Sec (usft) | N/S (usft) | E/W (usft) | DLeg (°/100usft) | Build (°/100usft) | Turn (°/100usft) | |
| 5,662.0 | 2.60 | 351.20 | 5,656.8 | 200.1 | 201.0 | 2.2 | 0.14 | -0.12 | -1.67 | |
| 5,746.0 | 2.70 | 353.50 | 5,740.7 | 203.9 | 204.8 | 1.7 | 0.17 | 0.12 | 2.74 | |
| 5,782.0 | 3.10 | 352.40 | 5,776.7 | 205.7 | 206.6 | 1.4 | 1.12 | 1.11 | -3.06 | |
| 5,866.0 | 3.40 | 1.60 | 5,860.5 | 210.4 | 211.4 | 1.2 | 0.72 | 0.36 | 10.95 | |
| 5,950.0 | 3.40 | 5.61 | 5,944.4 | 215.4 | 216.3 | 1.5 | 0.28 | 0.00 | 4.77 | |
| 6,034.0 | 3.09 | 357.81 | 6,028.3 | 220.1 | 221.1 | 1.7 | 0.64 | -0.37 | -9.29 | |
| 6,119.0 | 2.78 | 1.20 | 6,113.2 | 224.4 | 225.4 | 1.6 | 0.42 | -0.36 | 3.99 | |
| 6,203.0 | 2.45 | 3.10 | 6,197.1 | 228.2 | 229.2 | 1.8 | 0.41 | -0.39 | 2.26 | |
| 6,287.0 | 1.90 | 4.30 | 6,281.0 | 231.4 | 232.4 | 2.0 | 0.66 | -0.65 | 1.43 | |
| 6,372.0 | 1.50 | 358.60 | 6,366.0 | 233.9 | 234.9 | 2.1 | 0.51 | -0.47 | -6.71 | |
| 6,414.0 | 2.39 | 2.39 | 6,407.9 | 235.4 | 236.4 | 2.1 | 2.14 | 2.12 | 9.02 | |
| 6,540.0 | 1.50 | 9.62 | 6,533.9 | 239.6 | 240.6 | 2.5 | 0.73 | -0.71 | 5.74 | |
| 6,582.0 | 0.90 | 7.50 | 6,575.9 | 240.5 | 241.5 | 2.6 | 1.43 | -1.43 | -5.05 | |
| 6,624.0 | 0.90 | 12.10 | 6,617.9 | 241.2 | 242.1 | 2.7 | 0.17 | 0.00 | 10.95 | |
| 6,708.0 | 0.90 | 356.60 | 6,701.8 | 242.5 | 243.4 | 2.8 | 0.29 | 0.00 | -18.45 | |
| 6,793.0 | 1.90 | 354.60 | 6,786.8 | 244.5 | 245.5 | 2.6 | 1.18 | 1.18 | -2.35 | |
| 6,877.0 | 1.70 | 347.90 | 6,870.8 | 247.1 | 248.1 | 2.2 | 0.35 | -0.24 | -7.98 | |
| 6,961.0 | 1.50 | 342.00 | 6,954.7 | 249.3 | 250.4 | 1.6 | 0.31 | -0.24 | -7.02 | |
| 7,046.0 | 1.60 | 351.10 | 7,039.7 | 251.4 | 252.6 | 1.1 | 0.31 | 0.12 | 10.71 | |
| 7,130.0 | 1.59 | 344.32 | 7,123.7 | 253.6 | 254.9 | 0.6 | 0.22 | -0.01 | -8.07 | |
| 7,214.0 | 1.81 | 351.51 | 7,207.6 | 256.0 | 257.3 | 0.1 | 0.36 | 0.26 | 8.56 | |
| 7,298.0 | 1.99 | 357.41 | 7,291.6 | 258.7 | 260.1 | -0.1 | 0.32 | 0.21 | 7.02 | |
| 7,425.0 | 2.61 | 11.39 | 7,418.5 | 263.8 | 265.1 | 0.3 | 0.65 | 0.49 | 11.01 | |
| 7,509.0 | 1.81 | 22.10 | 7,502.4 | 267.0 | 268.2 | 1.2 | 1.07 | -0.95 | 12.75 | |
| 7,593.0 | 1.10 | 8.91 | 7,586.4 | 269.1 | 270.3 | 1.8 | 0.93 | -0.85 | -15.70 | |
| 7,678.0 | 0.62 | 24.90 | 7,671.4 | 270.3 | 271.5 | 2.1 | 0.63 | -0.56 | 18.81 | |
| 7,762.0 | 0.31 | 84.90 | 7,755.4 | 270.8 | 271.9 | 2.6 | 0.64 | -0.37 | 71.43 | |



Payzone Directional

End of Well Report



| | | | |
|------------------|--------------------------|-------------------------------------|--|
| Company: | Bill Barrett Corporation | Local Co-ordinate Reference: | Well FD 15-30D-2-2 |
| Project: | Duchesne County, UT | TVD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Site: | SECTION 30 T2S, R2E | MD Reference: | FD 15-30D-2-2 @ 5023.0usft (Capstar 328) |
| Well: | FD 15-30D-2-2 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Actual | Database: | EDM 5000.1 Single User Db |

| Survey | | | | | | | | | |
|--------------|------------|----------------------|---------------|------------------|---------------|---------------|---------------------|----------------------|---------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | V. Sec (usft) | N/S (usft) | E/W (usft) | DLeg (°/100usft) | Build (°/100usft) | Turn (°/100usft) |
| 7,846.0 | 0.49 | 104.51 | 7,839.4 | 270.8 | 271.8 | 3.1 | 0.27 | 0.21 | 23.35 |
| 7,930.0 | 0.88 | 148.09 | 7,923.4 | 270.2 | 271.2 | 3.8 | 0.74 | 0.46 | 51.88 |
| 8,015.0 | 0.80 | 121.30 | 8,008.4 | 269.4 | 270.3 | 4.7 | 0.47 | -0.09 | -31.52 |
| 8,099.0 | 1.02 | 140.82 | 8,092.4 | 268.7 | 269.5 | 5.6 | 0.45 | 0.26 | 23.24 |
| 8,183.0 | 1.19 | 145.10 | 8,176.4 | 267.5 | 268.2 | 6.6 | 0.22 | 0.20 | 5.10 |
| 8,268.0 | 1.81 | 143.20 | 8,261.3 | 265.8 | 266.4 | 7.9 | 0.73 | 0.73 | -2.24 |
| 8,352.0 | 1.81 | 146.42 | 8,345.3 | 263.8 | 264.2 | 9.5 | 0.12 | 0.00 | 3.83 |
| 8,437.0 | 1.81 | 139.72 | 8,430.2 | 261.8 | 262.1 | 11.1 | 0.25 | 0.00 | -7.88 |
| 8,521.0 | 1.99 | 146.59 | 8,514.2 | 259.8 | 259.8 | 12.7 | 0.35 | 0.21 | 8.18 |
| 8,605.0 | 1.90 | 140.69 | 8,598.1 | 257.7 | 257.5 | 14.4 | 0.26 | -0.11 | -7.02 |
| 8,690.0 | 2.12 | 145.49 | 8,683.1 | 255.5 | 255.2 | 16.2 | 0.33 | 0.26 | 5.65 |
| 8,774.0 | 1.90 | 146.11 | 8,767.0 | 253.2 | 252.7 | 17.9 | 0.26 | -0.26 | 0.74 |
| 8,858.0 | 1.81 | 157.13 | 8,851.0 | 251.0 | 250.3 | 19.1 | 0.44 | -0.11 | 13.12 |
| 8,942.0 | 1.99 | 153.80 | 8,934.9 | 248.6 | 247.8 | 20.3 | 0.25 | 0.21 | -3.96 |
| 9,027.0 | 2.12 | 159.51 | 9,019.9 | 245.9 | 245.0 | 21.5 | 0.29 | 0.15 | 6.72 |
| 9,111.0 | 1.68 | 161.40 | 9,103.8 | 243.4 | 242.4 | 22.4 | 0.53 | -0.52 | 2.25 |
| 9,195.0 | 1.59 | 157.61 | 9,187.8 | 241.3 | 240.1 | 23.3 | 0.17 | -0.11 | -4.51 |
| 9,284.0 | 1.59 | 157.61 | 9,276.8 | 239.1 | 237.9 | 24.2 | 0.00 | 0.00 | 0.00 |

Checked By: _____ Approved By: _____ Date: _____

Sundry Number: 49642 API Well Number: 43047541080000

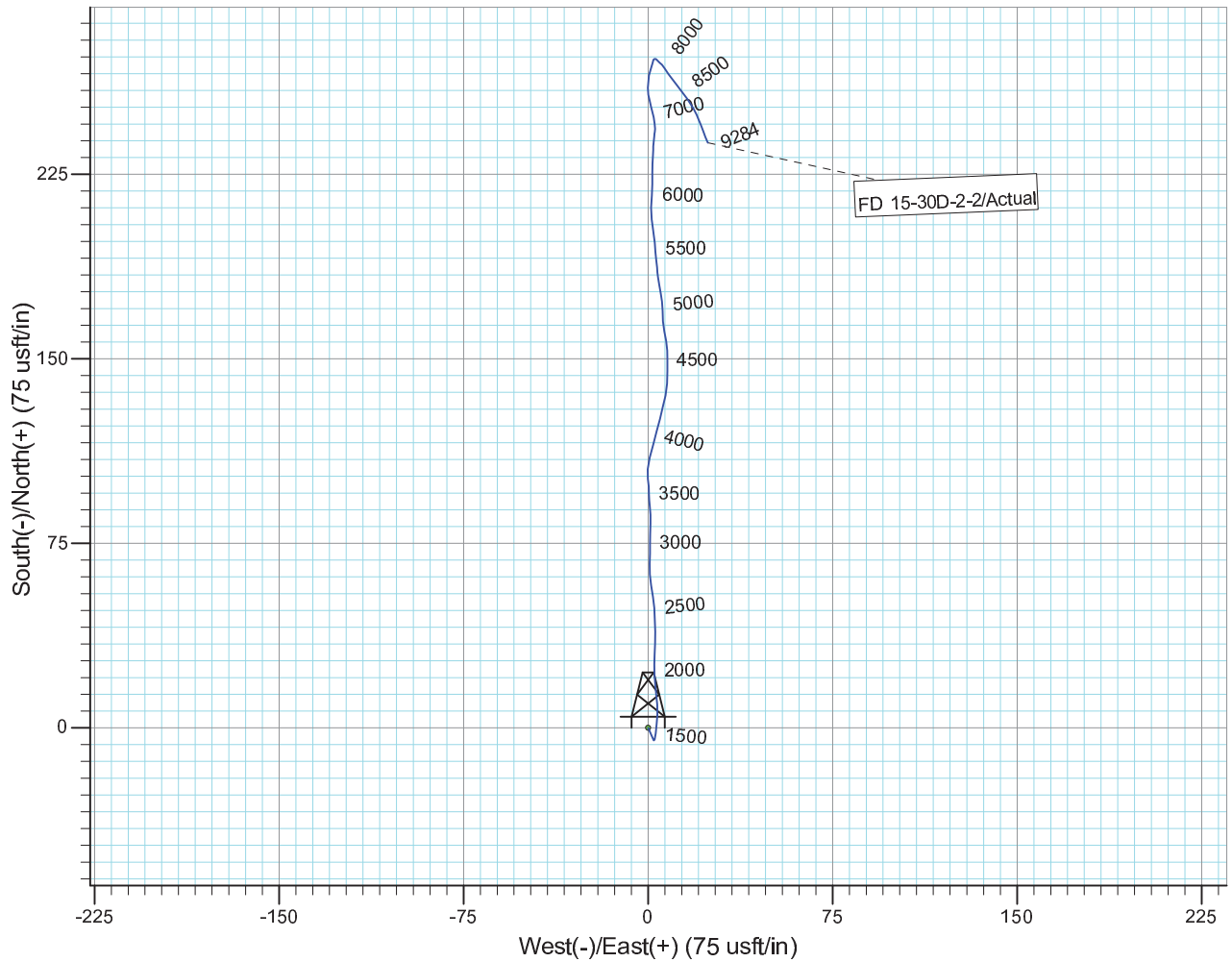
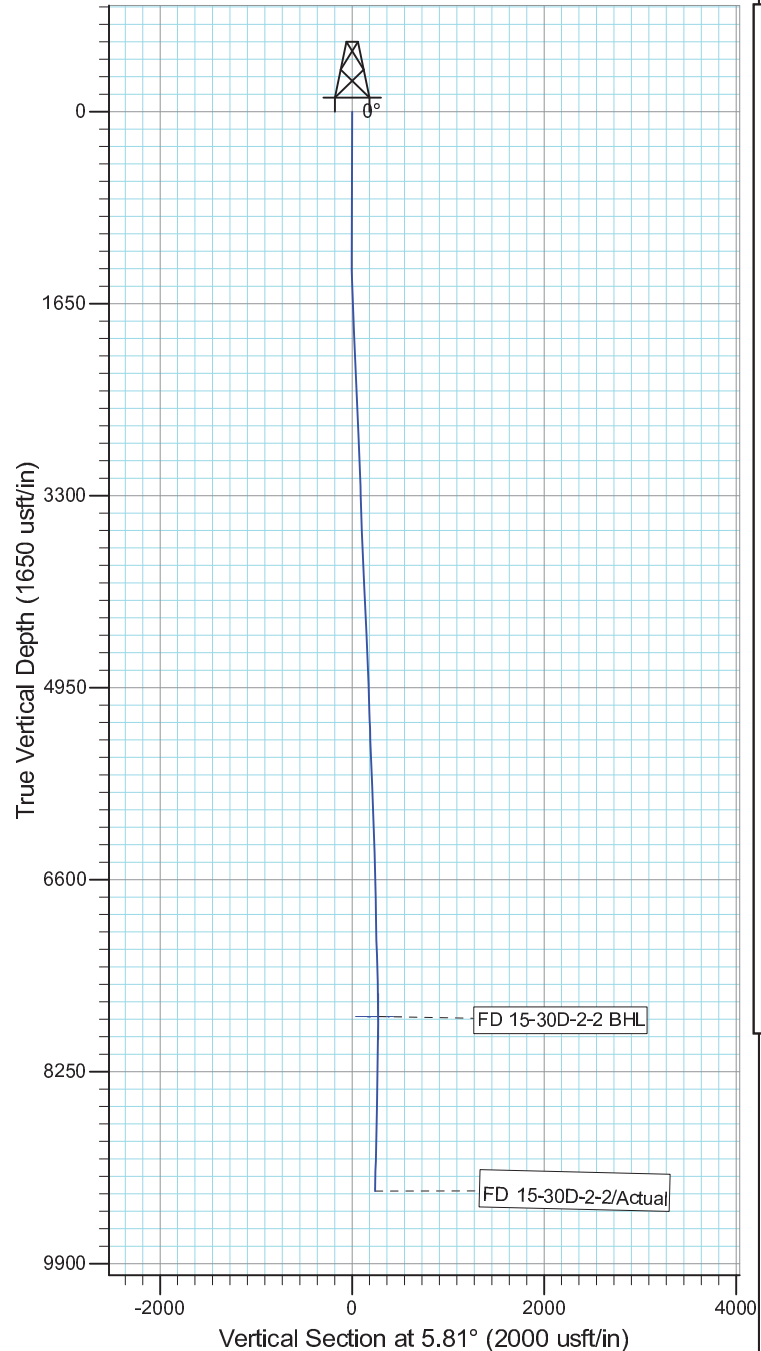


Project: Duchesne County, UT
Site: SECTION 30 T2S, R2E
Well: FD 15-30D-2-2
Wellbore: Wellbore #1
Design: Actual



Azimuths to True North
Magnetic North: 10.91°

Magnetic Field
Strength: 52175.3snT
Dip Angle: 65.97°
Date: 1/24/2014
Model: IGRF2010



Design: Actual (FD 15-30D-2-2/Wellbore #1)

Created By: Matthew Linton

Date: 7:45, February 13 2014

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

| | | |
|--|--|---|
| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
| SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 5. LEASE DESIGNATION AND SERIAL NUMBER: fee |
| 1. TYPE OF WELL Oil Well | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 7. UNIT or CA AGREEMENT NAME: |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202 | | 8. WELL NAME and NUMBER: FD 15-30D-2-2 |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0535 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 30 Township: 02.0S Range: 02.0E Meridian: U | | 9. API NUMBER: 43047541080000 |
| PHONE NUMBER: 303 312-8134 Ext | | 9. FIELD and POOL or WILDCAT: MOFFAT CANAL |
| COUNTY: UINTAH | | STATE: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION | <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/19/2014 | <input checked="" type="checkbox"/> OTHER | | |
| <input type="checkbox"/> SPUD REPORT Date of Spud: | OTHER: INTERIM REC COMPLETED | | |
| <input type="checkbox"/> DRILLING REPORT Report Date: | | | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

INTERIM RECLAMATION WAS COMPLETED ON 6/19/2014 AND THE PIT
WAS CLOSED ON 3/6/2014

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

January 08, 2015

| | | |
|---|-------------------------------------|--------------------------------|
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst |
| SIGNATURE N/A | DATE 1/6/2015 | |